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Connecticut INDUSTRY

MANUFACTURERS' ASSOCIATION OF CONNECTICUT, INC.
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L. M. BINGHAM, Editor

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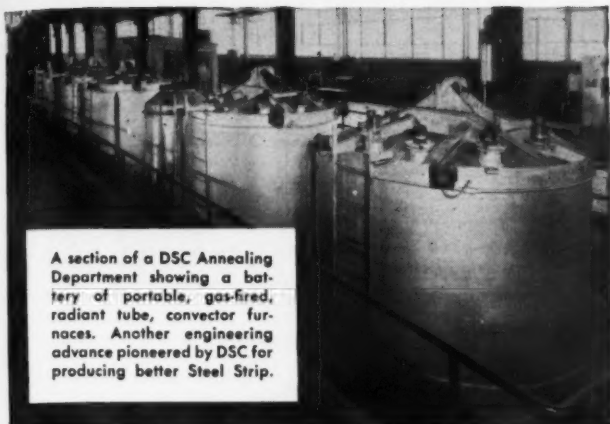
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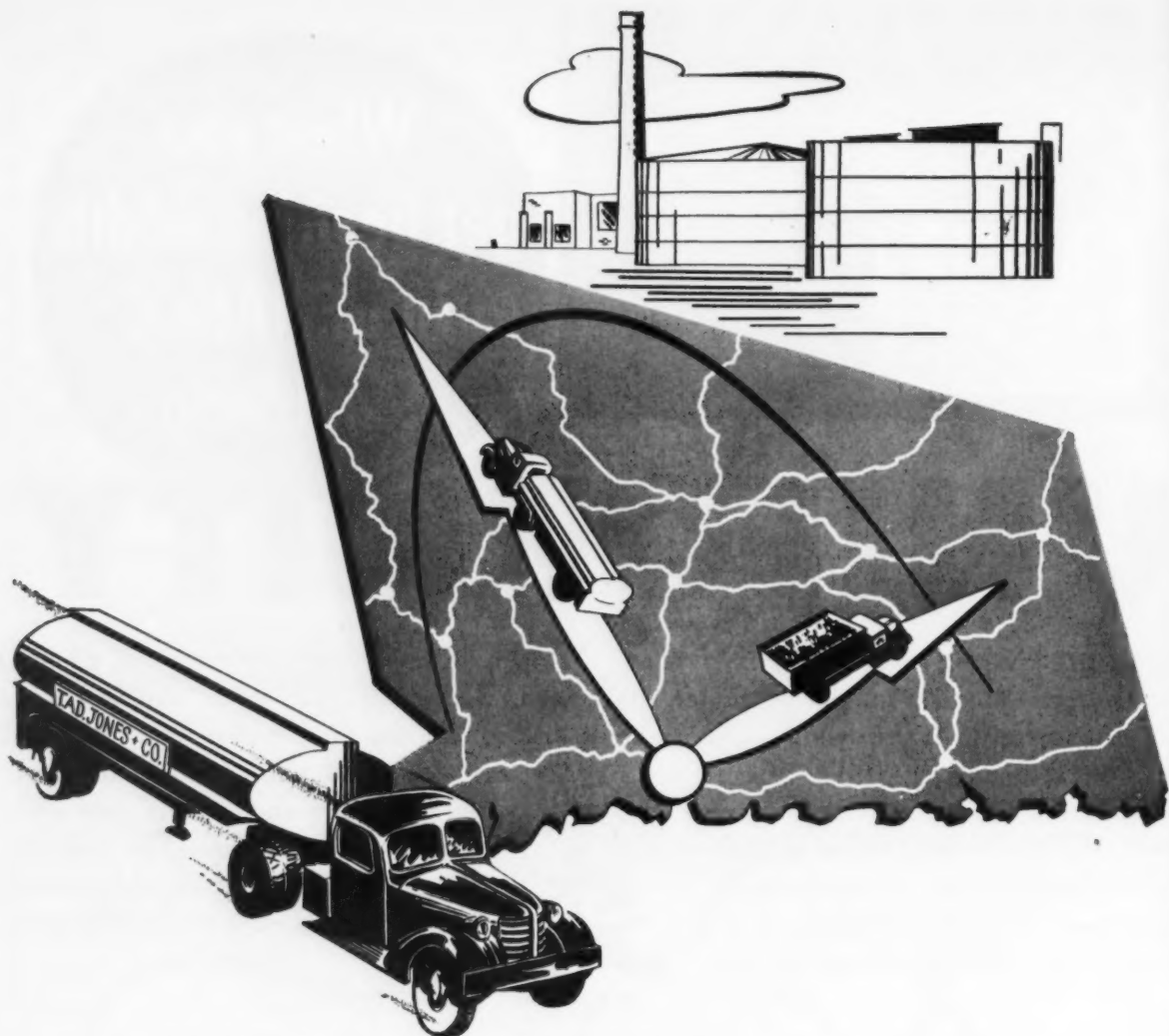
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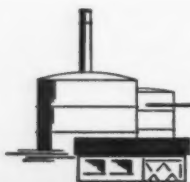
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Management's Opportunity--Freedom's Gain

By ELLSWORTH S. GRANT, *Vice-President,*
The Allen Manufacturing Company, Hartford

LABOR leaders are fast reaching the end of the same social highway upon which businessmen came a cropper in the twenties. Then the public accused Big Business of trying to dominate government and of abusing its privileges. The result, we well know, was to relegate all of industry—the innocent and the guilty—to the doghouse. In its stead grew government regulation and control—Big Government—which in turn created a favorable environment for the rise of organized labor as a major social force. During the thirties and forties the public became conditioned to accept the mere existence of a union as desirable and its every claim as deserving and just. There is no denying that wages and working conditions in many companies needed to be improved, and that either directly by unionization or indirectly through its imminence they were improved.

By contrast the employer was regarded as evil by nature, against progress and the public interest, and invariably wrong. Business, big and little, had to learn its lesson the hard way—the lesson of social responsibility, the fact that no business can survive unless the big boss—the customer in particular and the public in general—approves of its policies and practices.

Apparently, labor leaders will also have to learn the same lesson the hard way. The country is looking at Big Labor's spree of *laissez faire* with increasing skepticism and dismay. The reaction started in 1947 with the Taft-Hartley Act, which attempted to bring the responsibilities of labor into balance with those of management. By its actions in recent years organized labor has demonstrated the fallacy, once applied to business itself, that what is good for unions is always good for the nation.

Last month the president of the striking United Steelworkers told his members there "just isn't any group or citizen in this country big enough to whip this union." He was right. The power of his union, both economic and political, can be matched by no one—except other large nationally-organized and centrally directed unions. No one can stop his union from placing its self-interest ahead of the general welfare. Such power constitutes a monopoly; in fact, under present laws only unions can organize a monopoly. Such overwhelming power, irresponsibly used—as it inevitably is, threatens individual freedom. And in a democracy freedom depends upon a regulated balance of power among all groups and interests. Furthermore, the consequence of such exclusive power is the loss of the human touch—the union's ability to deal with and to understand the individual's wants and needs.

The steel strike centered on the Steelworkers' demand for a union shop. Nationally, union membership, totaling between 15 and 16 million, has about reached its peak growth. With two out of three employees having voluntarily remained unorganized, it is clear that the only economical way left for union officials like Mr. Murray to boost membership further,

as well as their personal power, is through the union shop—another form of labor monopoly.

The crisis to which organized labor has brought itself gives management an incomparable opportunity to serve the nation in even greater measure than it ever has before. In the past two decades progressive management has adjusted to the fact that unions are here to stay. At the same time it has modernized, not only its plant and equipment, but its aims and beliefs. It has developed a code of service—a sense of stewardship that includes the community as well as stockholders, employees and customers. Consequently, it has earned public respect for its socially-minded attitudes and contributions to the welfare of all; it has emerged from the doghouse.

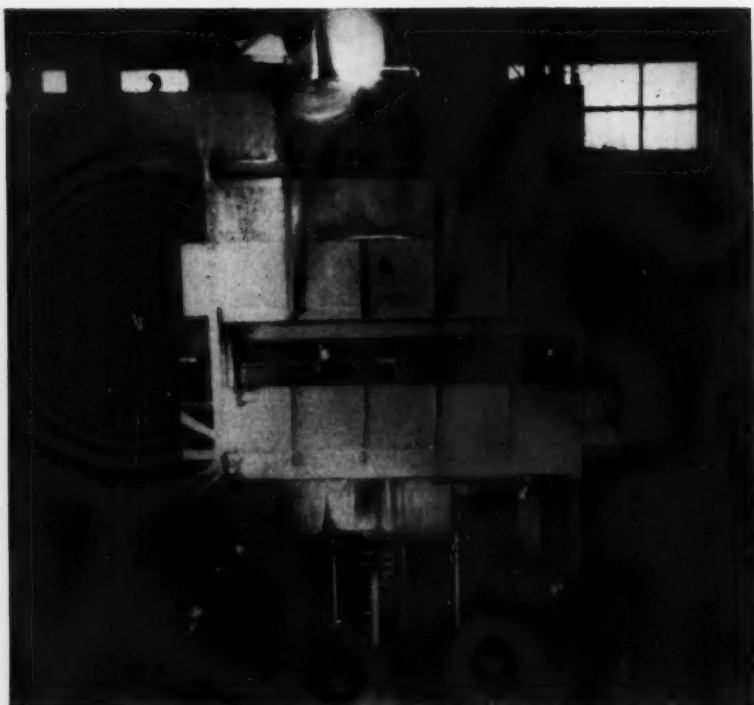
From the standpoint of employee relations progressive management is striking a blow for freedom by emphasizing the importance of the individual: protecting his free choice to join or not to join a union; helping him to develop on the job to the fullest of his abilities; giving him a monetary reward commensurate both with his performance and his teamwork; constantly providing safer and pleasanter working conditions; allowing him to work, without regard to age, color or handicap, as long as he satisfactorily performs an available job; giving him reasonable protection against the inevitable hazards of illness, injury, old age, and unemployment—most of it at no cost to the individual; keeping him informed and consulted on matters which affect him directly, and encouraging his participation in worthwhile plant activities; and by training the individual to appreciate his duties and obligations, thereby making him into a responsible industrial citizen.

Giving top priority to its human resources has enabled progressive management to recapture personal contact with and the confidence of its employees. It is decentralizing the responsibility and knowledge of good human relations so that they are being shared by every manager in the organization. By striving to create a shop atmosphere that is friendly and free and to develop supervisors who are honest-to-goodness leaders, it is achieving maximum worker cooperation.

More legislation can help but not solve the nation's labor problems. Genuine collective bargaining at the plant level, with real give and take, can promote but not guarantee industrial peace. In either organized or unorganized plants management must continue to take the initiative in understanding and satisfying employee needs in our complex, interdependent society. A technology of human relations based on common sense and good will is the key to reducing causes and instances of human friction to a minimum. In the fifties the public will look to American management to lead the way toward the full application of human and social values in its day-to-day relationships with employees. If management's great opportunity is wisely and courageously used, freedom will still be everybody's.



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The Birth of Brass In Connecticut

By **CARL H. PIHL**

Copper & Brass Research Association

THIS YEAR is the 150th anniversary of the brass industry in Connecticut, and in the nation. The

METAL uniformity and soundness provide superior fabricating qualities.

story of how the mighty brass mill products industry that we know today got its start from the manufacture of brass buttons in Waterbury is a fascinating tale that may bear repetition as this noteworthy milestone is celebrated.

It was in 1802 that Abel Porter and his brother Levi laid the groundwork for moving from Southington to Waterbury. Joining with Silas Grilley and Daniel Clark they undertook the manufacture of metal buttons. This is believed to involve the first instance of making brass in America by the "modern" method of the direct alloying of copper and zinc, and also the first rolling of brass in the United States.



Brass Buttons

For a moment it might be interesting to consider the role of the humble button, usually not noticed until one is missing. Many interesting stories and facts about American history can be learned from the study of old buttons, in fact, the collecting of brass buttons is an important hobby that has many enthusiastic adherents. Although the popular conception of the romantic Pony Express rider visualizes him attired in buckskin, a uniform with brass buttons was adopted in the later years of that service. Among collectors, these buttons are quite rare. From very early times the tunics of soldiers were adorned with brass buttons which often bore distinctive regimental markings. Many of the brass buttons worn by the intrepid Pony Express riders and the swashbuckling cavalymen were found under tragic circumstances due to the fact that, in the early days, West Plains Indians used to wear as hair ornaments the brass buttons taken from the uniforms of the soldiers and mail carriers they had slain.

Another interesting bit of history is revealed by the brass buttons designed for the Texas Navy in 1836. No, this is not another gag like the one about the Swiss Navy. The Republic of Texas actually had a Navy in those days and the buttons were ordered for the uniforms of the officers and men aboard the gunboats that patrolled the Rio Grande. Other equally interesting bits of lore from the past can be acquired through the study of brass buttons which, by the way, are still worn on military, naval, police and many other uniforms.

While buttons were generally made of silver previous to the Revolution, in the years that followed the use of pewter became more widespread. These buttons were cast in a mold in one piece, including the face and the eye, and finished by hand. In 1800 the Grilley brothers, who had been making pewter buttons in Waterbury since 1790, improved the process by casting the face of the button alone and soldering the eye on separately, producing a less bulky unit. This brings us up to 1802 when Silas Grilley associated with the Porters in Abel Porter and Company to produce brass buttons such as were being imported from England.

Abel Porter & Company

Abel Porter and Company had started business in Southington in 1795

as a maker of tinware. From the manufacture of pots, pans and kettles it was a natural step to make buttons from tin, pewter and other high-tin alloys. All of these products were sold from door to door by Yankee peddlers, travelling in wagons from Quebec to Charleston and across the Mississippi.

The new company continued the manufacture of buttons from block tin, pewter or white metal. As it developed or adapted methods to raise melting

added to the copper—usually scrap obtained from old stills, kettles, ship-sheathing, and the like—was pretty well boiled off before the alloy was poured. This resulted in cast alloys that correspond generally to present-day Gilding, 95% or Commercial Bronze, 90%, both of which retain a distinct copper color. These small bars were then taken to the "Iron Slitting and Rolling Mill" operated by Frederick Wolcott & Company located at Brad-



SOUNDNESS and uniformity typify these mill products.

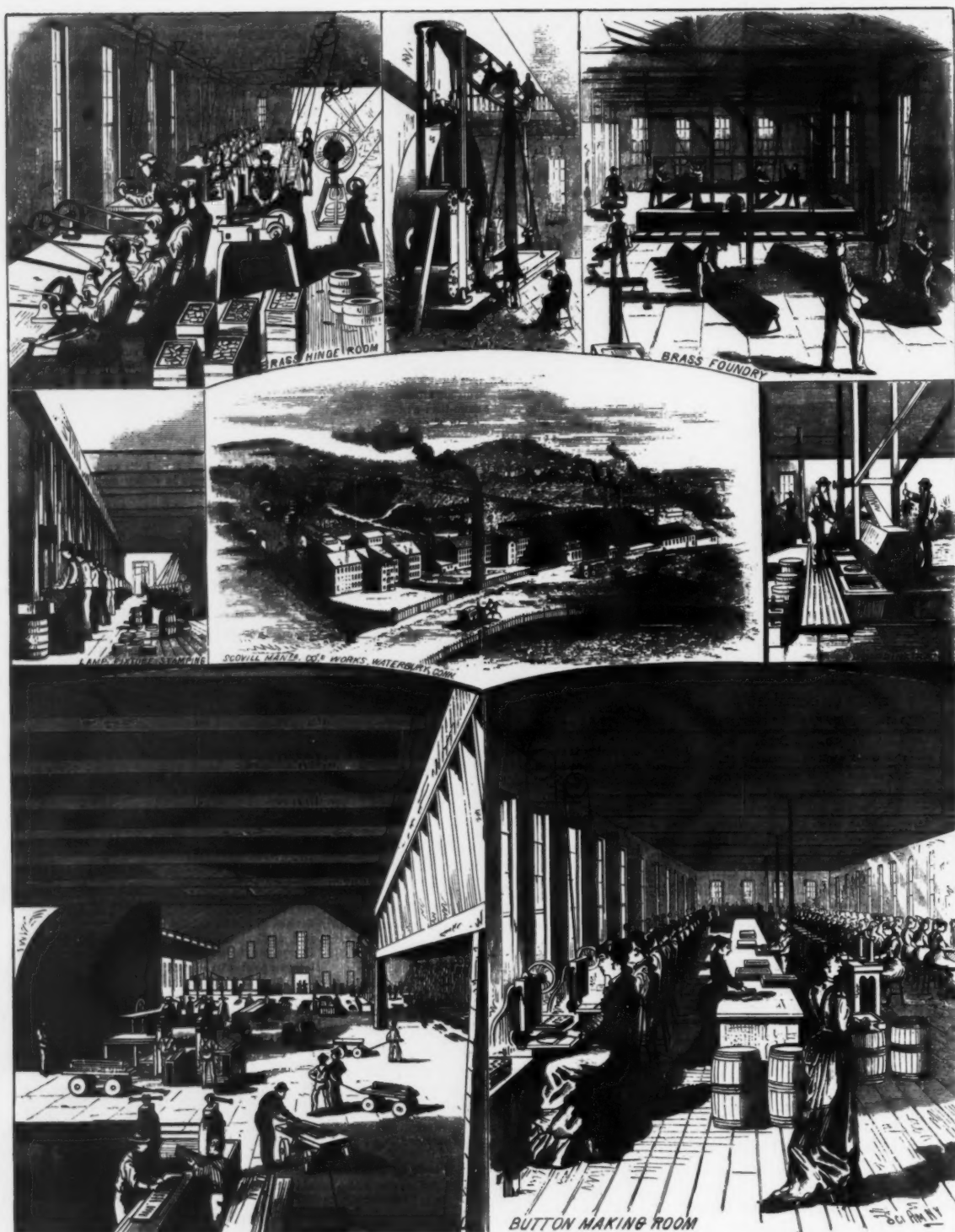
temperatures, from high-tin alloys to the brasses, it was able to make buttons from brass that was poured into individual molds. The fire-gilding process was used for gilding such brass buttons, as well as those stamped from brass strip.

Sometime between 1806 and 1809 Abel Porter and Company set up a Casting Shop to produce cast bars for cold-rolling into brass strip. This shop was located near the intersection of what is now South Main Street and Meadow Street in Waterbury. Here brass alloys were cast into small band-and-wedge type cast iron molds, each of which held approximately one pound of metal. The size of this cast bar was $7\frac{1}{2}$ " long, $1\frac{1}{2}$ " wide, and $5/16$ " thick. Since zinc was scarce in the early part of the Nineteenth Century and control of melting in charcoal pit fires was on a relatively primitive basis, it is very probable that most of the zinc

ley Falls, known as Bradleyville in those days, about $3\frac{1}{2}$ miles west of Litchfield and 20 miles from Waterbury, where cold-rolling was accomplished. Probably not much more than one or two tons of such bars were produced in a year during this period, and all of the brass strip that was cold-rolled was used for button fabrication. Cold-rolling was accomplished between steel rolls, probably six inches in diameter, driven by water power.

Expansion and Merger

In 1811 Abel Porter and Company became Leavenworth, Hayden & Scovill. Between 1811 and 1814, this plant, consisting of the Button Shop, the Gilding Shop and the Casting Shop, was transferred from the South Main Street location in Waterbury to the Grist Mill on the Mad River. Operations have continued at this site ever since. Today the company is known as the Scovill Manu-



THE PHOTO above is a reproduction of the front cover of the December 13, 1879 issue of *Scientific American* showing casting, rolling (see upper right and lower left) and other fabricating operations of an earlier day at Scovill Manufacturing Company, Waterbury.

facturing Company. In addition to being the oldest company in the brass industry in Connecticut, it is one of the largest.

About 1814 the cold-rolling of brass was begun in Waterbury, with the Grist Mill water wheel as the source of power for the rolling as well as for creating the draft necessary to bring the charcoal melting fires up to proper temperature. As experience was gained in cold-rolling, the rolling previously done by Frederick Wolcott & Company was apparently discontinued shortly after 1815. In 1820 this company introduced the two-piece type button with the design on a shell of thinly-rolled brass, much like the brass buttons of the present. They also developed a method of duplicating the red gold gilt of English buttons and began to compete seriously with the English product.

In 1823 Aaron Benedict, who had been making bone and ivory buttons in Waterbury since 1812, associated himself with four other men to organize a company to make rolled brass buttons. The result was the Benedict and Burnham Manufacturing Company, the second of the Waterbury firms to become established in the brass industry. By 1830 the growing industry had passed the experimental stage and was firmly established. At that time brass made in Waterbury was used in small amounts for making fire engines, kettles, grates and fenders in addition to buttons.

The third firm to be established in Waterbury was Holmes and Hotchkiss, organized in 1830 by Israel Holmes and seven associates, which began the manufacture of sheet brass and wire a year later. This company also undertook the fabrication of tubing from sheet brass brazed at the joint. To this company goes the distinction of being the first to attempt to draw wire and make tubing. By 1835 they were established in supplying the market for brass wire. In 1836 brass tubing was used for interior gas lines by the New York Gas Company. About 1835, Benedict and Burnham successfully made butts or hinges from rolled brass at a cost and with a finish that easily rivaled those made of cast metal.

At about the same time, the invention of a one-day clock made from rolled brass created a comparatively large demand for brass. This clock was invented by Chauncey Jerome in 1837 and was an instant success. The clock sold for six dollars. Jerome had been making wooden clocks for some 20 years. Brass clocks have almost continuously been

the most important single item of export in the whole list of brass manufactures ever since.

Other companies began to come into the field as the brass industry embarked upon a period of remarkable expansion. New firms and plants, and new inventions and processes emerged from the ingenuity and hard work of the men in the brass industry. About 1836 the rolling of Nickel Silver was begun, primarily for the manufacture of tableware. In 1834 there was organized the Wolcottville Brass Company in Wolcottville (now Torrington) for the making of brass kettles by the so-called battery process. This involved the hammering of the kettles into shape from blanks. Prior to this brass kettles had been cast. Difficulty was experienced in finding the right metal mixture and a satisfactory annealing process. However, these troubles were overcome by 1842. But this process was abandoned in 1851 when Hiram W. Hayden of the Scovill Company invented the spinning process of forming kettles. This method is still in use. The brass industry got into the manufacture of pins from brass wire in 1838 when a mill was established at Derby, by 1846 pins were being made in Waterbury. Another product of the Waterbury brass mills beginning in 1842 was photographic plates, made of copper plated with silver, to meet the demand created by the invention of Daguerre in 1839. Many other uses were found for copper and brass in the photographic field.

While handmade brass lamps had been produced in Waterbury since about 1807, followed by hammered and cast brass lamps, the demand for these products was not very great until refined petroleum came on the market after 1855. For many years the fabrication of lamps from sheet brass was an important part of the industry in Waterbury and in the other brass towns in the Naugatuck Valley.

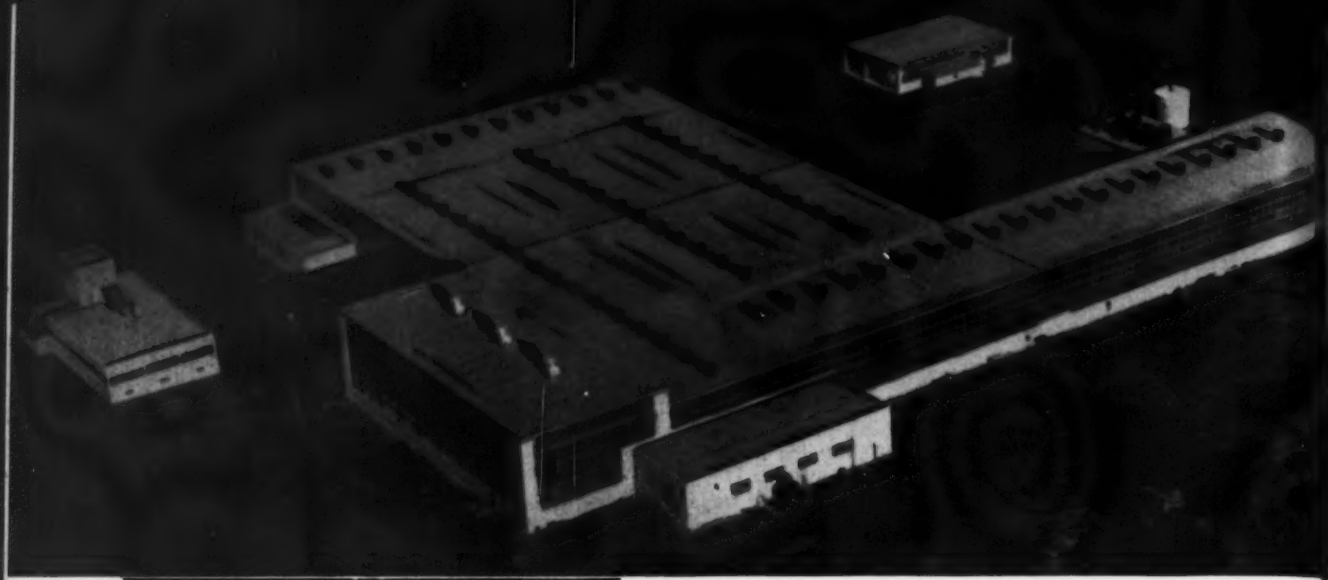
It would require a volume to enumerate the various companies that were established, including the numerous corporate changes through the years and another volume to trace the development of the art of making brass and other copper-base alloys. This is admirably covered in the book, "The Brass Industry in the United States," by William G. Lathrop, published in 1926 from which much of the information in this article was derived. An abridged version of this book, "The Development of the Brass Industry in Connecticut," was prepared by Mr. Lathrop in

1936 and published in pamphlet form for the Tercentenary Commission of the State of Connecticut by the Yale University Press. It is understood that copies of the latter (Pamphlet No. 49) are still available.

If Silas Griley or Abel Porter could visit one of the great brass mills of Connecticut today, they probably wouldn't believe their eyes. Yet, there would be much that they would understand because they were skilled men of brass in their day. It was through the pioneering efforts of these craftsmen and the many who followed them through the century and a half, that the brass industry occupies such a vital role in the nation's commerce and industry. It has grown to be one of the great industries of this nation, and one of the most important in the economy of the State of Connecticut. The products of this industry are vital in nearly every phase of modern life, whether the nation be at peace or at war. Today, plants of the industry are located throughout the country but the Naugatuck Valley of Connecticut was its birthplace and is still the most dominant factor in the production of brass and other copper-base alloys. As Mr. Lathrop so aptly phrased it in his work, "The Development of the Brass Industry in Connecticut," "Loyal to the traditions of the trade, yet alert to the changing times, skilled craftsmen, expert research scientists, and able executives are actively maintaining the high character of workmanship, inventiveness, and business management which established the manufacture of brass as the foremost industrial enterprise in Connecticut."

Following are the principal brass mills in Connecticut today:
The American Brass Company, Waterbury;
Bridgeport Brass Company, Bridgeport;
The Bridgeport Rolling Mills Company, Bridgeport;
The Bristol Brass Corporation, Bristol;
Chase Brass & Copper Co., Inc., Waterbury;
The Drawn Metal Tube Company, Thomaston;
The Miller Company, Meriden;
The New Haven Copper Company, Seymour;
The Phosphor Bronze Corporation, Seymour;
The Plume & Atwood Mfg. Company, Waterbury;
Scovill Manufacturing Company, Waterbury;

(Continued on page 17)



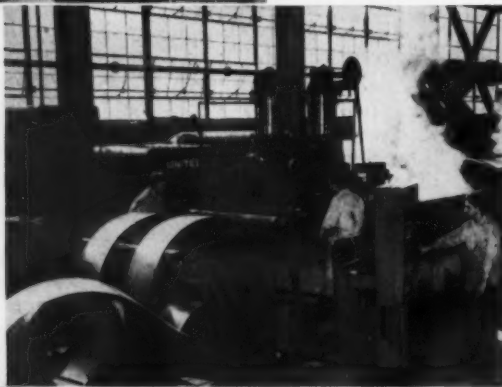
AIR VIEW of Detroit Steel Corporation Eastern Plant at Hamden, Connecticut.

Detroit Steel

Corporation in Connecticut



HOT BANDS are stored "pyramid" fashion (above). This method makes handling economical and efficient, and safe. Pickling is the first step in the conversion of hot bands to cold rolled steel strip. Shown at the right is the entry end of "pickler," and below the delivery or exit end.



FOR MANY YEARS Detroit Steel Corporation had been serving Connecticut industry and the East generally. It did this from its coldrolled strip mill at Detroit and through two eastern processing and distributing plants. The first of these, established in 1926, was located at Worcester, Massachusetts; the second, opened in 1938, at Lyndhurst, New Jersey.

By 1947 it had become clear that its one mill at Detroit could not possibly take care of the expanding demand for its products coming from its customers in the Middle West and the East, too. Two alternatives presented themselves—one to increase capacity at Detroit; the other, to decentralize. The latter course was decided upon.

Locations were studied in the Midwest as well as in the East. A survey of relative advantages favored the East, particularly some point in Connecticut. The choice finally narrowed down to the Greater New Haven area, and a 25 acre site was purchased on State Street in Hamden just north of the New Haven line.

By late spring of 1949, the plant, covering nearly four acres of floor space,

was completed and operations started. At the same time the company had disposed of its facilities at Worcester and Lyndhurst, and all its eastern operations were consolidated and housed in the new plant.

The Market in Connecticut

The company found in Connecticut a concentrated industrial territory with excellent potential for growth and expansion. A large part of the output of the area is in well diversified consumer goods that help make everyday living safer, more comfortable and convenient, more enjoyable and efficient.

Among these products are household utensils and appliances of all kinds, automotive parts and accessories, radio and television sets and components, home and office furniture and equipment . . . and such varied articles as toys, bicycles, baby carriages, fire arms, clocks, electrical devices and scores of others.

Something About the Product

Detroit Steel manufactures cold-rolled steel strip at Hamden. This commodity makes an ideal raw material for the fabrication of the many useful articles just mentioned.

Steel strip is one of the more refined steel products. Its physical characteristics conform to relatively strict standards. Thickness, for example, can be controlled within scant thousandths, or even fractions of a thousandth of an inch.

The working quality of the material, usually referred to as "temper" or its relative hardness (or stated another way, its relative ductility), is also controlled within narrow ranges.

Surface quality or "finish," obtainable in "bright" or "satin," is another important characteristic. An appropriate finish enables the manufacturer to give his product eye-appeal to stimulate acceptance of the goods and thus accelerate sales.

Perhaps the chief advantage of steel strip is in its uniformity—uniformity of dimension, of working quality, of finish. This holds true not only on single lots but on "repeat" orders as well. It is this uniformity that makes for efficient and economical fabrication of individual parts or of components that have to fit together in the final assembly.

How Steel Strip is Made

The raw material out of which cold-rolled steel strip is made is a far cry from the finished product. It is known as "hot rolled bands."

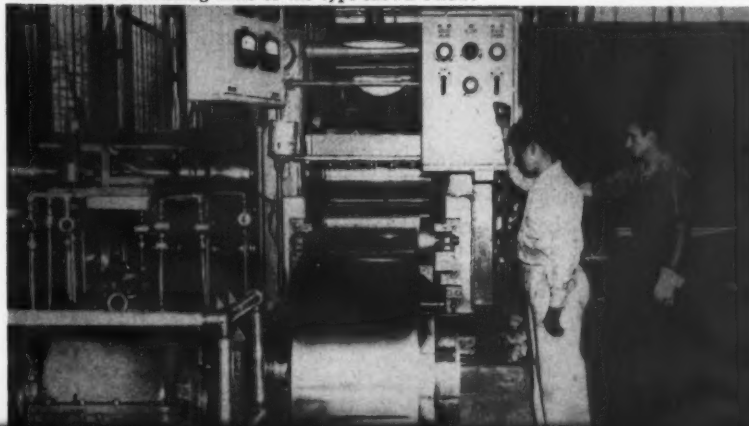


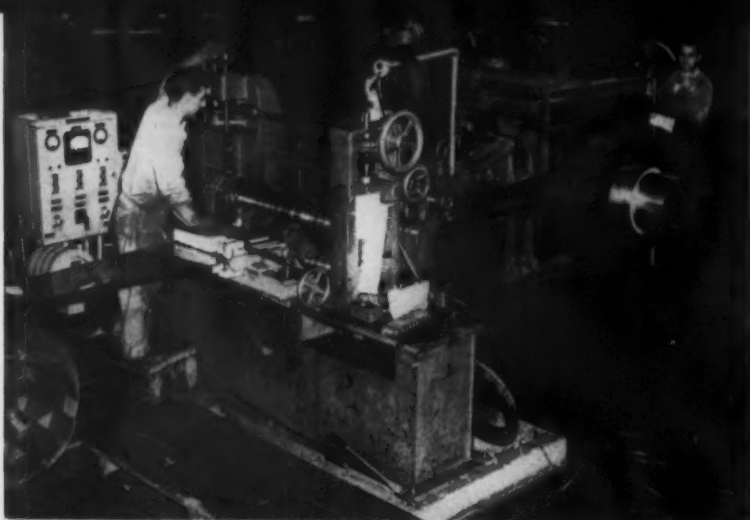
THE PICKLED COILS, at room temperature, are rolled back and forth through this 4 HI Reversing Cold Strip Mill, thereby reducing the original thickness.



DETROIT STEEL pioneered in the adoption of this type of furnace for the annealing process in the manufacture of cold rolled steel strip.

AFTER ANNEALING, the metal is further conditioned by temper and finish rolling. This is done on finishing mills of the type shown below.





AFTER THE STEEL leaves the finishing mill, further processing is usually required, such as slitting to width, straightening, cutting to length, flattening or edging. Among the different machines that perform this work are the rotary slitter (top) and the edging and cutting machine (lower).

This steel has a blackish, scaly surface. It comes in coils something under two feet wide and weighing about 8,000 pounds each. The steel comes in various thicknesses depending upon the actual thickness and quality required in a particular finished product.

Following in the usual sequence, are the more important steps in the manufacture of cold-rolled steel strip.

Pickling

The first step in the transformation of the hot bands to cold-rolled steel strip is pickling. Its purpose is to loosen and remove scale and thoroughly clean the steel's surface. The work is done in the pickling machine or "pickler."

The "pickler" is about a city block long. It consists of a series of tanks arranged end to end in a straight line. These tanks, heated by live steam, con-

tain either water or acid solutions in proper sequence.



THE SHIPPING DEPARTMENT prepares the steel for shipment and loads it on trucks and railroad cars.



THROUGHOUT THE MANUFACTURE of DSC strip, tests are made to assure accuracy and quality. Here is a Rockwell instrument which gives the relative temper or hardness of the steel.

The steel is fed through the "pickle" line by means of power driven rubber covered rollers (nicknamed "wringers"). Just before the pickled band is recoiled at the delivery end, its surface is thoroughly dried by jets of highly heated air under pressure.

It may be noted that Detroit Steel Corporation pioneered this important advance in pickling methods.

Cold Reducing

After pickling, the dry coils at room temperature are cold reduced. This is done by rolling the steel back and forth through a machine called a 4 Hi reversing cold strip mill. By this mechanical "kneading" process the steel is progres-

(Continued on page 36)



NEW HAVEN'S ELI WHITNEY was honored at the exposition. One of the few remaining cotton gins from his own work shop was a focal point in the display of early inventions, tools and prints loaned to the exposition by the New Haven Colony Historical Society. Committee members pausing to inspect are (left to right) Richard Dargan, director of the exposition; Kemp Batchelor of the United Illuminating Co.; Ogden Ross, director of public relations, and manager of Manufacturers Division, New Haven Chamber; Chairman William Flint of the A. W. Flint Company, and Robert May of Olin Industries, Inc. (Right) School children found the Chamber of Commerce original constitution dated 1794 of particular interest. The second oldest city chamber in the country loaned its minute book to the historical display. School children visited the exposition with teacher guides during afternoon hours.

Industry's Open House

THE outstanding non-commercial exposition sponsored by the Manufacturers Division of the New Haven Chamber of Commerce and described in this article is a public relations tool that could be used with great profit by every other manufacturing community of the state. More complete details about how this exposition was organized may be secured by writing the editor or the Manufacturers Division of the New Haven Chamber of Commerce.

PRODUCTION—the Source of All Wealth” was a key-note of the recent Industrial Exposition sponsored by the Manufacturers Division of the New Haven Chamber of Commerce. Known as “Industry's Open House,” the industrial show drew nearly 50,000 citizens to the Goffe Street Armory, New Haven, in the five-day period, beginning Tuesday, May 20, 1952.

Conceived as a dramatic way to describe the importance of the area's industrial firms to the local community, the state, and the nation, “Industry's Open House” was a marked departure from standard trade shows. The underlying public relations approach employed in the planning and execution of the exposition proved highly successful not only with the public but with industrial employees, the schools, and other important elements of the New Haven community.

Recognizing that general ignorance of industrial firms and their products creates public apathy toward industry, exposition planners sought to tell the story of the great variety of New Ha-

ven-made products. The fifty-five industrial firms and utilities which exhibited at the open house moved printing presses, wire braiders, box forming machines and other production equipment into the booths. At the booths, manned by personnel drawn from all job levels



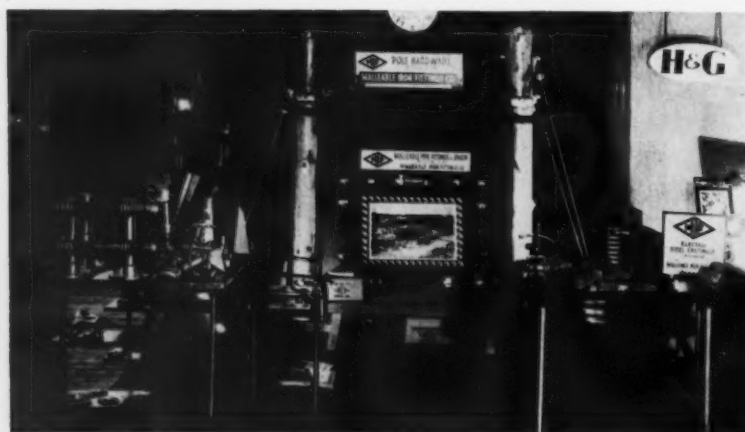
WHERE THE MONEY goes was graphically shown in this twenty-foot display explaining the economics of industry. Exposition chairman William Flint points out the header.



THE COLORFUL A. C. Gilbert Co. display interested young and old.



THE AMERICAN STEEL & WIRE DIVISION, UNITED STATES STEEL, was eye-catching in design and color.



THE DISPLAY of the Malleable Iron Fittings Co., featured the products of its many divisions.

of exhibiting firms, the public learned how products are made and who makes them. Exhibitors supplemented actual equipment with photographic blow-ups, drawings, and maps to show working conditions, sources of raw materials, and product distribution.

The Chamber committee developed two twenty-foot general displays located at the entrance of the show. On a map of the world, forty trade marks were drawn, showing the many foreign countries and remote parts of the world where New Haven-made products are in use. Under a 20-foot sign reading "Production, the Source of all Wealth, Brings Better Living at Home and Strengthens the Nation," the breakdown of industry's income dollar for the area was shown. This display explained the use of profits, and how money reinvested in the business is necessary in order to provide for increased future payrolls and greater productive facilities.

Admission to the exposition was handled through the exhibiting companies. Each of the companies was given sufficient admission tickets for all of their employees and the friends and relatives of employees. Admission cards were also available in unlimited quantities at the Chamber office. The interest generated by employees of exhibiting firms resulted in an attendance which exceeded by far the expectations of participating companies. "Everyone who visited my booth was sincerely interested in what we make and how we make it," was a common reaction of exhibitors. The Planning Committee's general recommendations that the show be fundamentally educational, that no effort be made to sell anyone anything, and that no exhibitor give away souvenirs, were in great measure responsible for the high quality of the entire show.

A number of special features designed as interest-getters proved to be immensely popular with the public. The fuselage of a B-29 bomber was loaned by the Army Air Force and parked across the street from the Armory. Publicity pointed out the importance of the many metal-working sub-contractors as well as the prime contractors of the area who make parts for B-29's and other aircraft.

Eli Whitney's cotton gin and other inventions of early New Haven were loaned by the County Historical Society. In a glance the public was able to see the remarkable development of indus-

(Continued on page 44)



DAVID G. SHEPHERD, president of Electric Specialty Co., with a group of Stamford-Greenwich teachers on I-E Day. Pictured is an electric generator set manufactured by ESCO, which Mr. Shepherd is describing to the teachers.

Second Industry-Education Day Is Held in Stamford-Greenwich

THE MOST enjoyable day I have ever spent."
"I was amazed at the efficiency and planning needed to operate an office in a large industrial company."

"I wish we had had time to see all of the operations that take place behind the scenes in a large retail store."

Such remarks were on the lips of most of the 311 teachers from the secondary schools of Stamford and Greenwich as they arrived at the high schools of these two communities at the end of the Second Annual Industry-Education Day.

The day started with everything, except the weather, under complete control, and even that improved as the day went along; by noon the sun was shining, adding to the enjoyment of the day.

Superintendent of Stamford Public Schools, Reginald A. Neuwien, greeted the teachers in the Stamford High School auditorium, and introduced Dean Brossman, Executive Director of the Stamford-Greenwich Manufacturers' Council, who welcomed the teachers on behalf of the Council and described briefly the over-all picture of industry and business in the Stamford-Greenwich area. He stated that industry and business are most anxious to co-operate with educators in finding a better means to "prepare youth for the world of work and citizenship." At the

Greenwich High School the teachers were greeted by Andrew Bella, Principal of Greenwich High, and were welcomed on behalf of the Manufacturers' Council by Robert M. Gillespie, Secretary of the Stamford Rubber Supply Company, and Chairman of the Civic Activities and Liaison Committee of the Manufacturers' Council.

Preparations

Preparations for this Second Annual event were started early in April when all members of the Manufacturers' Council having facilities to accommodate teachers, were invited to participate. At the same time the school authorities were contacted for approval

(Continued on page 44)



C. E. BISHOP, chief manufacturing chemist of the Northam Warren Corporation, is pictured with a group of the Stamford-Greenwich teachers visiting the plant on Industry-Education Day. Mr. Bishop demonstrates the preparatory steps for lining bulk containers for export shipment.

Your Personality Is Showing

By DONALD J. WOOD

HUMAN relations is not a new subject, contrary to the popular business conception at the present time. Industrial leaders of the past half-century attributed their success to their ability to cooperate with their fellowmen. The success stories of Andrew Carnegie, Henry Ford, Owen D. Young, and Phillip D. Armour were written because they recognized their social obligation to other people.

Surveys made during the past ten years, however, have created a new interest in the subject of Human Relations. One survey showed that a businessman is not promoted because of technical knowledge alone, but rather that 90% of the executives who have been advanced on the business ladder, obtained that promotion because they possessed the ability to know, understand and lead human beings.

A personnel counselor recently studied over two hundred exit interviews, and found that the underlying cause for separation was the inability of these individuals to work with other people in a harmonious manner.

Success stories are written because businessmen stop and take an inventory of themselves periodically. This simple personality quiz will be an eye-opener to you.

Your personality is you. You are the only one that can change your personality. Benjamin Franklin was one of the first Americans in recorded history who made an honest attempt to improve his personality. The story is told how he made periodic inventories of his good and bad personality traits, and each day he tried to improve on one of his weaknesses. This American genius holds a lesson for today's businessman, for his phenomenal success in so many walks of life was in some part due to his ability to work with his fellow men.

A good disposition and a pleasing personality is not something that you can put on like you do a coat or a hat. It is a living, breathing feeling that results from a healthy body and an active mind.

And what is the value? Those individuals who have made a concerted effort to improve their personality, to think of other people and their interests and likes and dislikes above their own, attest that their personal happiness, as well as business success, is much greater.

I. YOUR APPEARANCE

- | | Yes | No |
|--|-----|-----|
| 1. Are your clothes always neat and clean? | () | () |
| 2. Are your clothes in good taste? | () | () |
| 3. Are your shoes shined? | () | () |
| 4. Have you had a haircut within the past two weeks? | () | () |
| 5. Do you cultivate a good posture while sitting, standing, walking? | () | () |

II. YOUR UNDERSTANDING

- | | | |
|---|-----|-----|
| 1. Do you try to cooperate with people at all times? | () | () |
| 2. Do you avoid arguments? | () | () |
| 3. Do you avoid talking about other people? Their faults and their friends? | () | () |
| 4. Do you take a real interest in others? | () | () |
| 5. Do you mind your own business? | () | () |

III. YOUR MANNERS

- | | | |
|---|-----|-----|
| 1. Are you always considerate of others? | () | () |
| 2. Do you remember birthdays, anniversaries? | () | () |
| 3. Do you learn, remember and use the names of people you meet? | () | () |
| 4. Do you know the rules of etiquette and observe them? | () | () |
| 5. Have you learned how to say "thank you"? | () | () |

IV. YOUR INTERESTS

- | | | |
|--|-----|-----|
| 1. Do you have a hobby? | () | () |
| 2. Do you try to have several interests? | () | () |
| 3. Do you read a newspaper everyday? | () | () |
| 4. Do you read good magazines and books? | () | () |
| 5. Do you belong to any fraternal organizations? | () | () |

V. YOUR DISPOSITION

- | | | |
|---|-----|-----|
| 1. Can you control your temper? | () | () |
| 2. Are you enthusiastic? | () | () |
| 3. Do you always look for the good in others? | () | () |
| 4. Are you able to work harmoniously with others? | () | () |
| 5. Do you avoid worrying? | () | () |

And how can your personality be improved? By periodic surveys of your personality—by a strong analysis of your personality through tests such as this one—by realizing that you have your strong points and your weak points, and then by making an effort to improve your strong traits, and overcome your weak personality habits.

Do you want more personal happiness? Do you want more business success? Try it, and see!

Personality Quiz

In order to improve your personality, you should know those traits that are pleasing or displeasing to others. Be honest with yourself, check the square which applies to you, and obtain a mental picture of how other people see you.

VI. YOUR CONVERSATION

- | | Yes | No |
|--|-----|-----|
| 1. Do you avoid slang and vulgarity? | () | () |
| 2. Do you enunciate and pronounce clearly? | () | () |
| 3. Are you a good listener? | () | () |
| 4. Do you use a dictionary often? | () | () |
| 5. Can you speak in front of an audience? | () | () |

VII. YOUR INTELLIGENCE

- | | | |
|---|-----|-----|
| 1. Have you cultivated a good memory? | () | () |
| 2. Are you observant? | () | () |
| 3. Do you keep yourself informed of current events? | () | () |
| 4. Do you try to learn more about your job? | () | () |
| 5. Do you try to improve yourself? | () | () |

VIII. YOUR DEPENDABILITY

- | | | |
|---|-----|-----|
| 1. Are you honest with yourself? With others? | () | () |
| 2. Do you like to accept responsibility? | () | () |
| 3. Have you a goal for yourself? A plan? | () | () |
| 4. Do you always try to do something extra? | () | () |
| 5. Do you always complete a job? | () | () |

IX. YOUR LOYALTY

- | | | |
|---|-----|-----|
| 1. Do you keep your promises? | () | () |
| 2. Do you take a personal interest in your friends? | () | () |
| 3. Are you proud of your company? | () | () |
| 4. Do you refrain from talking about others? | () | () |
| 5. Can you keep the things told to you in confidence? | () | () |

For every *yes* answer give yourself a score of 5.

For every *no* answer deduct 2 from your total score.

GOOD—155-225

Average—120-155

Poor—Under 120

Employment Service Tests Reduce Costs

By JOSEPH F. PURCELL, *Technician*
Connecticut State Employment Service

DURING THIS period of tight operating budgets Business and Trade publications frequently suggest methods of reducing costs in specific phases of an employer's business.

A recent article, dealing with the problem of clerical replacements, pointed out the wasteful and costly procedure followed by some employers who hire typists and stenographers on the basis of a verbal statement as to their proficiency. The disadvantages of such a trial and error procedure were explained and a possible solution to the problem was advanced by suggesting that employers might initiate their own testing programs and, in this manner, secure additional information to substantiate an individual's claim of a definite degree of typing or stenographic proficiency.

Testing Services Available

Not all employers will find it practicable to install a testing program. In the absence of existing facilities for testing, an employer will incur certain expenses in securing adequate testing material, training personnel in test administration, providing space and using staff time to handle the testing program. True, the ultimate saving may very well offset the initial and operating costs but Connecticut employers can secure all of the advantages of an established testing service, without any additional expense, by using the facilities already available in their local Connecticut State Employment Service offices.

Standards Are Maintained

What are the requirements of an effective and equitable testing program? To be effective a testing program must meet certain requirements. Standard tests must be used. They must be administered in accordance with standard instructions, by experienced test administrators. The timing of the tests must be precise, the scoring accurate

and the results interpreted correctly. The Employment Service, with years of testing experience, adheres to these requirements of an effective program.

What can the Employment Service offer by way of testing services? The Employment Service, in each of its local offices, offers good testing facilities so that individuals may be tested with a minimum of distraction. Local office personnel have been trained in test administration. They are accustomed to the test situation, and will handle each situation according to a standard procedure. Test results for a number of individuals, when tests are given under these conditions, are more indicative of the individuals' true abilities than when tests are given under less than ideal conditions.

Why does the Employment Service feel that it can satisfy employer needs in the matter of typing and stenographic tests? The Employment Service can test individuals for proficiency in typing and dictation by taking a small sample of an individual's performance. It is possible, in this way, to get an estimate of that individual's skill or proficiency in typing, or dictation, or both. This information, when used in conjunction with all other information obtained about an individual, can result in better selection by employers.

The typing and stenographic tests used in the local offices of the Connecticut State Employment Service have been developed, on a nationwide basis, by the Occupational Analysis Section of the U. S. Employment Service. The typing test consists of a three minute warm-up exercise followed by a straight ten minute copy exercise. This exercise is then scored for both speed and accuracy. An employer may wonder why these test results may mean more than a copy exercise given in his own plant. An important reason is that the Employment Service has a proven basis for comparison of an individual's performance with the performance of success-

fully employed workers. This test was developed by giving the same test to 600 employed typists. The result will indicate the individual's degree of skill as compared to these 600 employed workers.

The dictation test consists of a three minute practice exercise, followed by a three minute test exercise. Normally the dictation is given at 80 words per minute—although it can be given at 96 or 120 words per minute if desired. This exercise is scored for accuracy. Here again the test was developed by giving this test to 500 employed stenographers and the test results indicate the applicant's degree of skill as compared to the employed worker group.

Savings Possible

The value of these tests has been demonstrated to many employers in Connecticut, as shown by the fact that 4,793 proficiency tests were given, by local offices, during 1951. Employers who are not testing clerical applicants should seriously investigate the savings that might result from an effective testing program, as provided by the Employment Service, when expressed in terms of reduced labor turnover.

Birth of Brass in Connecticut

(Continued from page 9)

The Seymour Manufacturing Company, Seymour;
Small Tube Products, Inc., Waterbury;
Somers Brass Company, Inc., Waterbury;
Stamford Rolling Mills Co., Springfield;
The Thinsheet Metals Company, Waterbury;
Waterbury Rolling Mills, Inc., Waterbury;
A. H. Wells & Company, Inc., Waterbury;
Winchester Repeating Arms Co., Division of Western Cartridge Co., New Haven.

An
Example

OF MASS PRODUCTION METAL-WORKING MACHINERY By Waterbury Farrel



This group of "WATERBURY" Solid Die Double Stroke Headers is in operation at the Blake and Johnson Company, Waterville, Connecticut. Production rate per machine approximately 150 headed blanks per minute.

Waterbury Farrel is a recognized leader in the production of cold process bolt and nut machinery.

Yet, this is only one of several broad classifications of metal-working machinery which have spread Waterbury Farrel's reputation throughout the world. As can be seen below, the company's century of design, engineering and production

experience also includes a wide variety of Presses, Mill Machinery, Wire Making Equipment and Special Machinery.

For high speed, economical production of a vast range of metal products, industry looks to equipment by Waterbury Farrel.

WF-6

WATERBURY-FARREL FOUNDRY & MACHINE CO. • WATERBURY, CONN.

Offices: Chicago, Cleveland and Millburn, N. J.

A FEW OF THE MANY TYPES OF METAL WORKING MACHINERY MADE BY WATERBURY-FARREL • COLD PROCESS BOLT AND NUT MACHINERY—Headers (all types) • Re-headers • Trimmers • Thread Rolling Machines • Slotters Nut Tappers, etc. POWER PRESSES—Crank, Cam and Toggle; also Rack and Pinion Presses • Multiple Plunger Presses • Hydraulic Presses, etc. MILL MACHINERY—Rolling Mills • Wire Flattening Mills • Chain Draw Benches • Slitters and various accessory mill machinery. WIRE MILL EQUIPMENT—Continuous Fine Wire Drawing Machines (Upright Cone and Tandem) • Bull Blocks • String-up Machines • Spoolers, etc.

FOUNDED
WATERBURY FARREL

1851

NEWS FORUM

This department includes a digest of news and comment about Connecticut Industry of interest to management and others desiring to follow industrial news and trends.

WILLIAM A. PURTELL, president of the Holo-Krome Screw Corp., Elmwood, former president of the Association in 1949 and 1950, and present director, was the unanimous choice of the Republican Party at its May 27 convention to run for the senatorial post now held by Senator William Benton.

"Bill" Purtell, as he is best known to his friends in the Hartford area and throughout the state, actually was twice honored by winning the nomination. He first won a hard fought campaign against two other principal contenders—Prescott Bush of Greenwich, and Mansfield D. Sprague of New Canaan, and secondly, secured the withdrawal of the names of his chief opponents on the convention floor to receive the nomination without a contest of delegate strength.

The highlights of "Bill" Purtell's qualifications as a clean-fighting candidate for Senator Benton's post have been so well stated by both the Hartford Times and Hartford Courant that we cannot improve upon them. Hence we quote from a Hartford Times editorial which said, in part:

"Connecticut Republicans unquestionably made a popular choice when they gave their U. S. Senate nomination



WILLIAM A. PURTELL

to William A. Purtell. He will campaign vigorously, and, if elected, he will speedily be classified among the national legislators of superior talents.

"Mr. Purtell is a nominee with plenty of color. He came up the hard way. After his service in World War I, he was a salesman and then he started his own manufacturing plant that has grown into a prosperous industry.

The Cover



THIS month's cover is a photo by Josef Scaylea of the Connecticut River at East Haddam in midsummer.

"Many civic institutions and organizations have sought and received his aid. He has spoken throughout Connecticut for many worthy undertakings. He has won and held the confidence of both industrialists who made him president of the Manufacturers Association of Connecticut and of workers who approved the cordial, informal relationship obtaining between employees and management at the Holo-Krome Screw plant.

"Recent campaigns in Connecticut have not been conducted on as high a plane as they should have been. Mr. Purtell will help greatly to raise the level of partisan debate."

The Hartford Courant's editorial columns praised Bill Purtell's candidacy and qualifications which we quote, in part, as follows:

"In a free, open, struggle that ended in yesterday's convention, the Republican Party of Connecticut has selected William A. Purtell of West Hartford as its candidate for United States Senator. It is a wise selection. The Repub-

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ROBERTSON PAPER BOX

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new "brush-on rubber"

**Reduces damage from
RUST AND CORROSION**

PROCO LIQUID NEOPRENE resists acids, fumes, chemicals. Lasts 10 times as long as paints and mastics. Resilient, elastic, and tough—weather and moisture resistant.

PROCO LIQUID NEOPRENE is easily and cheaply applied by your own maintenance personnel. Just brush it on as it comes from the can—or use spray, dip, or roller. No elaborate surface preparation needed—even over rusty or corroded surfaces. No catalysts or accelerators to add—no pressure, heat, or tie-coats. Air dries and air cures completely in a few hours.

PROCO LIQUID NEOPRENE is the ideal industrial maintenance coating. Available in three non-fade colors: black, red, light gray. Write for details and prices.

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lican Party can go to the people now knowing they have chosen as their standard-bearer a man of honor, integrity, and intelligence. They can say, honestly, that his nomination was dictated by no one except the delegates themselves. In thus selecting a candidate who articulates the hopes, the aspirations, and the ambitions of the great majority of the American people, the Republican Party has acted in accordance with its best traditions. . .

"The people of Greater Hartford have known and liked Bill Purtell for a long time. They know that in his relations with his workers, in his relations with his community, he has exemplified the finest attributes of a good citizen. Perhaps at the outset of his campaign he was not well known elsewhere in the state. But Bill Purtell put on one of the really successful campaigns in the history of the state, to come from behind and emerge yesterday morning as the strongest of the candidates.

"Bill Purtell should have a tremendous appeal to the voters in all strata. He has earned the support of workers, not by lip service, but through day-by-day fair dealings. He has earned the respect and affection of minority groups by his service on the State Inter-Racial Commission. He is known and liked by veterans throughout the state for the time and energy he has given in their behalf. Although he is a manufacturer and enjoys the confidence of his colleagues, he is a man who has worked with his hands. What he learned then has not left him, so that he enjoys the confidence of those who work with their hands. . .

"Here is a candidate worth rallying behind. And if the campaign is pursued with the vigor that may be expected, the Republican Party can look forward to electing a Senator in November.

★ ★ ★

THE MANUFACTURERS ASSOCIATION OF CONNECTICUT moved its headquarters office, as announced in its General Bulletin No. 1689 dated May 21, from 436 Capitol Avenue, Hartford, to 928 Farmington Avenue, West Hartford, Wednesday night, May 28, 1952, and was open to render service to its members the following morning. The new headquarters, known as the West Hartford Post Office building, was purchased in February 1948 from the Trout Brook Realty Company, with the idea of altering its

interior to make it suitable as a permanent home for the Association after the Post Office Department lease expired in June 1951. However, the lease was extended until new rental quarters were completed for the Post Office in January this year. Since late in January the six thousand square feet of ground floor space has been divided into seven private offices, an entrance lobby, a large central stenographic office and file room, a meeting room, a mailing department room, a storage room, a ladies' lounge and rest room facilities for men and women. Ample paved parking space to accommodate 30 cars has been provided at the rear of the building and more land is available to expand if it is necessary.

The basement, which houses the air conditioning equipment, also provides ample storage space for records and large quantities of paper which the Association uses in producing many bulletin information services for its members.

Since the Association was first incorporated, and Colonel George Pope, president of the Pope Manufacturing Company, elected president, at a meeting held at the Hartford Club on December 16, 1910, it has occupied rental headquarters at four Hartford addresses as follows: Phoenix Bank Building, Main Street, from 1910 to 1914; 252 Asylum Street, from 1914 to 1924; Conning Building, 50 Lewis Street, from 1924 to June 1940; and 436 Capitol Avenue, from June 1940 to May 28, 1952.

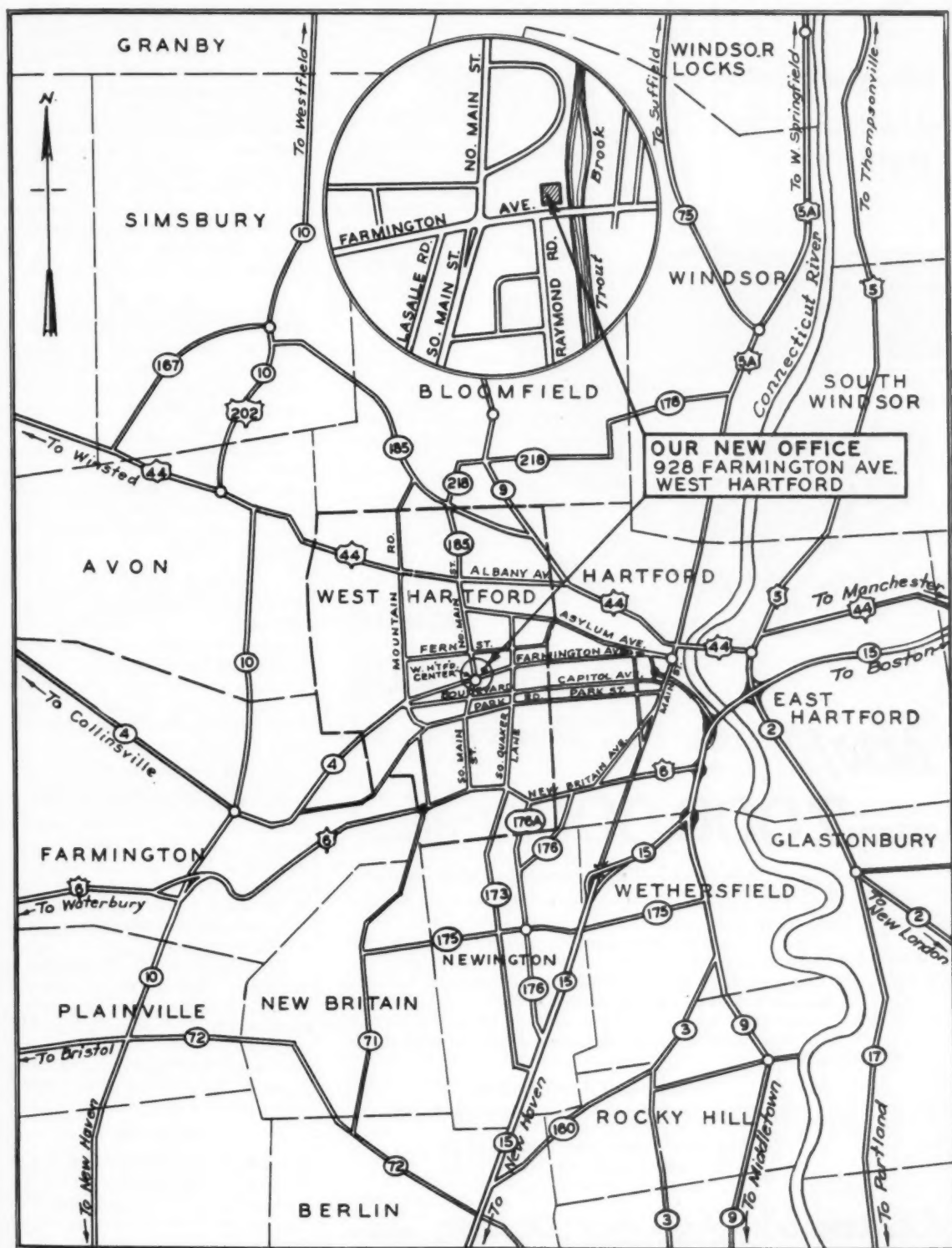
As mentioned in Bulletin No. 1689 of May 21, members are cordially invited to visit the Association's new home, which is actually more easily reached (see "Guide Map To Association's New Home") than its previous headquarters office. In addition, parking facilities, both at the rear of the building and on Farmington Avenue, in front of the building, are far greater than those in the congested area around the Capitol Avenue headquarters.

Photos of both the interior and exterior of the building will be taken and published in the earliest possible issue available after landscaping work has been completed.

★ ★ ★

SUMNER J. ROBINSON, general sales manager of Bigelow-Sanford Carpet Company since January, 1949, has been appointed vice president of sales, according to James D. Wise, president.

GUIDE MAP TO ASSOCIATION'S NEW HOME





Note the
★
UNDERWOODS

wherever you go!

Now!

over **7,000,000** of them! ★

No wonder Underwood is the typewriter leader of the world

That represents a lot of typewriters for business...perhaps more than you'd think possible from one manufacturer.

Have YOU seen the *new* Underwood Typewriter with that smooth, *s-m-o-o-t-h* touch and Underwood's exclusive See-Set Margins?

Ask your local Underwood representative to give you a demonstration. There is no obligation on your part.

Then you'll see, too...and quickly...why over seven million Underwoods have been purchased to speed so much of the world's typing.

Underwood Corporation

Typewriters • Adding Machines • Accounting Machines
Carbon Paper • Ribbons

One Park Avenue, New York 16, N. Y.
476 Capitol Avenue, Hartford 6, Conn.

Sales and Service Everywhere

Underwood *Rhythm Touch* DeLuxe



Mr. Robinson succeeds G. C. Denebrink, who resigned recently.

For a period of seven years following his graduation from Dartmouth College, Mr. Robinson was a member of the Bigelow organization. Subsequently he joined Carson Pirie & Scott & Co. of Chicago as manager of the floor covering division, and then served successively as sales manager and member of the board of directors of the Roxbury Carpet Company, and as sales manager of the North American Lace Company, and prior to returning to Bigelow in 1949 was sales manager in charge of the home furnishings division for the Goodall Fabrics, Inc., of New York.

★ ★ ★

THE BRISTOL COMPANY, Waterbury, has announced the development of new factory facilities for making arc welded diaphragms of extremely thin stainless steel, Ni-Span C, and phosphorus bronze.

Diaphragms in thicknesses of from 0.0015 to 0.005 of an inch for pressure transducers, pressure elements, and seals for many applications in the instrument, aircraft and other industries are being arc welded.

★ ★ ★

TWO CONNECTICUT INDUSTRIALISTS, Saul M. Silverstein, president of Rogers Corporation, Manchester and Goodyear, and Warren L. Mottram, assistant to the president, R. Wallace & Sons, Wallingford, have been named by the National Management Council to a five-man team of management specialists who are now visiting Belgium.

The National Management Council, in collaboration with its member associations and the Mutual Security Agency in Washington, has been assigned responsibility for selecting teams of executives from American corporations to conduct seminar discussions in foreign countries.

The primary mission of these men is to increase European productivity and to assist in bolstering Europe against Communism. At present the State Department, as well as international experts, agree that Western Europe is an important bulwark against the spread of Soviet power in the world.

★ ★ ★

RISDON MANUFACTURING CO., Naugatuck, has announced the purchase of Inkograph Co., Inc., manufacturers of Inkograph fountain pens.

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We can help solve them with our Tested Personnel, Top-Flight Creative Ability, Sound Methods, Capable Judgment and Individualized Service.

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Risdon now produces a cigarette holder that telescopes, and a telescoping ballpoint pen and pencil. The new division will be located in Naugatuck, and will be responsible for the manufacture and sale of writing instruments produced under the Risdon-Inkograph name.

★ ★ ★

CORRECTION—Our apologies to Mr. Charles K. Woodbridge and Mr. Harvey R. Bowman for reversing their identities in the caption under the photo on page 11 of the June issue. Mr. Woodbridge was seated at left of photo and Mr. Bowman is addressing the meeting.

★ ★ ★

CHARLES D. TOWNSEND has been appointed director of manufacturing of the LaPointe Plascomold Corporation, Windsor Locks, it has been announced by Jerome E. Respass, president.

Mr. Townsend will be primarily concerned with coordinating the manufacturing methods and processes in LaPointe's various plants from a top-level management position. He has been associated with a number of large companies throughout the country, as well as operating his own engineering service.

★ ★ ★

FINAL FIGURES for 1952's first quarter show Connecticut business was 3.2 per cent better than in the same three months last year, but "declines were beginning to creep in as the quarter closed," according to the State Development Commission.

Although its composite index of business indicators still remained above the "zooming business figures of early 1951," the state's business agency said available information on the second quarter was "not exactly rosy."

Average weekly pay in manufacturing was 5.6% up for the quarter. At \$69.83, it remained unchanged from February, but was still \$2.63 better than the national average. Increased unemployment, especially among women workers, and shorter hours, were reflected.

★ ★ ★

ARTHUR KALLINICH, vice president of Veeder-Root, Inc., Hartford, recently celebrated his fortieth anniversary with the firm. He first went to work as an office boy with the old C. J. Root

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Company in Bristol, when he was 15 years old. On the road as a salesman before he was 16, Mr. Kallinich found time to attend night schools in Hartford and Bristol.

Shortly after returning from service in World War I, he was placed in charge of sales in the New England territory, and later had charge of the whole Northeast.

After the consolidation of Veeder and Root in 1928 he was named to take over all textile sales, and shortly thereafter was appointed field sales manager. He was elected vice president in 1947.

★ ★ ★

AFTER A CONTINUOUS association of almost thirty years with The Cushman Chuck Company, Hartford, Harry W. Hultgren, is retiring from his position of sales manager of the company.

During his entire career with the firm, Mr. Hultgren has been engaged in sales work on the company's products of lathe chucks and related devices, which have a world-wide sale to general industry through machine tool builders, machinery dealers, and mill supply houses. He entered the employ of the company in 1922 and spent the next fifteen years traveling extensively on behalf of the firm. With the retirement of George H. Pratt in December, 1937, he took over as sales manager.

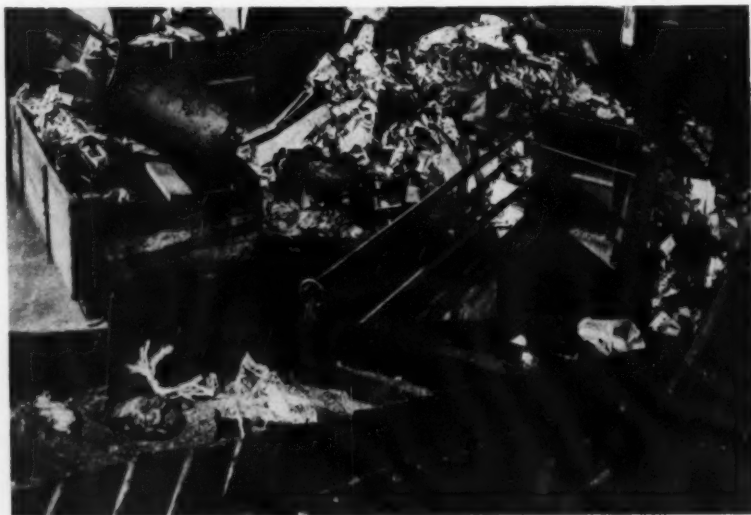
Mr. Hultgren is being retained by the company on an inactive basis in the capacity of sales consultant.

IF A SHORTAGE OF BRASS, bronze, and other copper alloys plagues the metal-working industry, it is not the fault of the large brass producers, according to the Chase Brass & Copper Company, Waterbury.

Chase takes every possible measure to salvage every ounce of valuable metal from its two plants in Waterbury, Chase Metal Works and Waterbury Manufacturing Company. Contents of all rubbish containers and floor sweepings from Chase's huge mill and its fabricating plant are loaded into trucks and brought to the reclaiming plant every day. Here the rubbish and refuse are shoveled onto an inclined conveyor that dumps them into an incinerator. The gas-fired incinerator removes all combustibles in about 24 hours.

Ashes from the incinerator go to a mechanical separator that separates coarse material from fine particles. Coarse material goes into a ball mill which pulverizes and passes off glass, ceramic, and other non-metallic solids. A magnetic separator then removes iron and steel particles from the coarse material. Fine material goes to a shaker table where, washed with water, the heavier metal particles are separated from non-metallic fine material.

This reclaiming process results in clean scrap, which is returned to the Chase casting shop to be combined in carefully controlled proportion with new copper, zinc, and lead in the production of new brass billets.



FROM RUBBISH LIKE THIS, collected at its mill and fabricating plants in Waterbury, Chase Brass & Copper Co. reclaims tons of clean, alloy scrap every day.



Westinghouse Water Cooler gives longer, better service with **SPONGEX Cellular Rubber**

Corrosion . . . deterioration . . . mechanical failure . . . repairs and parts replacement—an inevitable sequence wherever moisture condensation collects. It's a problem particularly troublesome in refrigerating equipment—but not in this Westinghouse water cooler!

Westinghouse has given its cooler a wardrobe of Spongex cellular rubber. Exposed cold surfaces—tubing, valves, even the waste water drain—are covered by custom molded Spongex parts. These Spongex parts not only prevent condensation but their insulating qualities increase refrigerating efficiency. For this cooler, Spongex means a longer, better, more efficient life.

The Westinghouse Wardrobe of **SPONGEX**

1. Tube insulator—

covers cold water tubing that supplies the drinking bubbler.

2. Basin drain seal—

forms a water tight seal between bottom of the water cooler basin and top of the drain. The compressibility of Spongex compensates for variations in the clearance between basin and drain.

3. Basin drain insulator—

covers exposed end of the waste water drain.

4. Regulator valve cap—

covers the cold surfaces of valve. Elasticity and flexibility of cap makes it easily removed for valve adjustment.

5. Water valve cap—

covers shut off valve controlling water flow to bubbler.

6. Door gasket—

forms an air tight seal for the door opening into the cold storage compartment. The gasket also seals off the insulating air space between the inner and outer panels of the door.

Perhaps Spongex can help better your product, too. We would be happy to hear from you.

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used for cushioning, insulating, shock absorption, sound and vibration damping, gasketing, sealing, weatherstripping and dust proofing.

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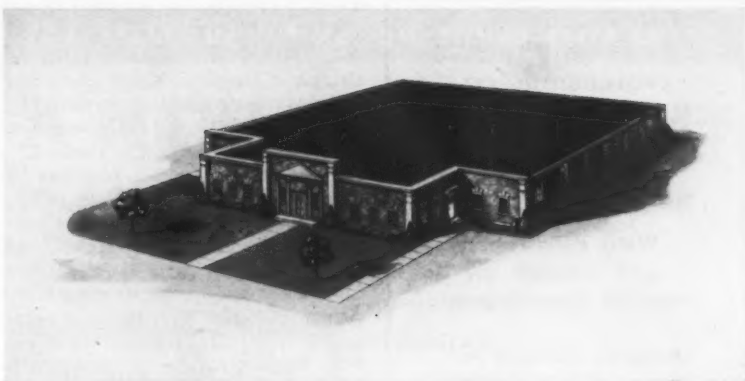
Kellogg & Bulkeley *Lithographic Division*
FOUNDED 1832

HARRY A. ROWE has been appointed sales manager for the Thomaston Division of the Plume & Atwood Manufacturing Company, according to an announcement by Thomas I. S. Boak, president of Plume & Atwood. The division produces brass sheet, strip, rod, wire and platers' materials.

Mr. Rowe is a native of Bridgeport, where he secured his formal business training and education. During World War II he served as Assistant Chief of the Copper Division of the War Production Board in Washington. To serve in this capacity he left the Bridgeport Brass Company, where he had been New England Sales Representative. Shortly after V-J Day he returned to New England as Sales Representative for the Western Brass Mills at the Winchester Repeating Arms Company Mill in New Haven. For the past four years he has been District Sales Manager for the Bridgeport Rolling Mills.

★ ★ ★

PLANS FOR THE CONSTRUCTION of a new 15,600 square foot Electric Regulator Corporation plant in Norwalk, have been announced by Arthur M. Cohen, president of the firm.



THE NEW ELECTRIC REGULATOR CORPORATION plant to be constructed in Norwalk. It will produce the Regohm, an electric circuit controller used in power equipment for government and industrial use.

To be located on a 3.65-acre site, the plant will be used for the production of the Regohm, an electric circuit controller which has found wide application in power equipment for government and industrial use. It is being used as a component in airborne and shipborne radio, radar and other electronic devices, mobile telephone systems, industrial and household power systems, locomotives and gun turrets. Regohm is also widely employed in battery charg-

ing systems, guided missiles, signal and alarm systems and telephone central station equipment.

By August 1952, the planned completion date, it is expected that the number of employees will increase to 140, as compared with the 74 persons presently employed.

Electric Regulator Corporation was established in 1945 in New York, and moved to South Norwalk in September 1950.



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**THE SAFETY CAR HEATING
AND LIGHTING COMPANY,
INC.,** New Haven, has announced the
election of Harold F. Kneen as director
and vice president of the company. Mr.
Kneen will make his headquarters at
the plant of the company in Hamden.

He was formerly vice president of
manufacturing and a director of the
Lincoln Electric Company of Cleve-
land, with whom he had been associated
since 1929. Mr. Kneen graduated from
Cornell University with an engineering
degree in 1925, receiving his masters
degree in 1933. He is a member of Tau
Beta Engineering honor society and
Chi Psi Fraternity.

★ ★ ★

**ANNOUNCEMENT HAS BEEN
MADE** of the appointment of Seery C.
Gordon as domestic sales manager for
the Capewell Manufacturing Company,
Hartford.

Mr. Gordon has been identified with
the Capewell concern for the past nine
years. He is in charge of sales in the
United States and Canada of the com-
mercial line of products including pipe
fitters' tools, band and hack saws and
parachute hardware.

He joined the company as purchas-
ing agent and later became part of the
sales organization. He has been active
particularly in the production and dis-
tribution of Capewell's line of metal
fittings for parachutes of all types, in-
cluding personnel and cargo. He was
formerly commercial manager with the
Connecticut Light and Power Company
at Bristol.

★ ★ ★

GEORGE H. JACKSON has been
elected president of Powdrell & Alex-
ander, Inc., Danielson, succeeding
Brainard T. Webb, who has resigned.

Harold A. Roberts has been named
vice president, George R. Caron, treas-
urer, and Leslie M. Downs, assistant
treasurer. Mr. Webb and Herbert H.
Rapp, who resigned as vice president
and treasurer, will continue as directors
of the company.

★ ★ ★

HARRY B. PURCELL, industrial re-
lations manager of The Torrington
Company, Torrington, has been ap-
pointed to the Industrial Relations
Committee of the Manufacturers Asso-
ciation of Connecticut, Inc.

Mr. Purcell has been associated with
the Torrington firm since March 1,
1944, and has been the company's in-

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dustrial relations manager since 1946. Prior to that he spent several years in Government service, first with the Interstate Commerce Commission, then with the Wage and Hour and Public Contracts Division, U. S. Department of Labor, Boston, and in 1943 was assigned to the War Labor Board as supervisor of Rulings Unit.

Active in community affairs, Mr. Purcell is past member of the board of directors; Torrington Chapter, American Red Cross; Torrington Y.M.C.A., Torrington Kiwanis Club, and Tunxis Council, Boy Scouts of America. He was 1951 Panel Member of the Bureau of National Affairs, Personnel Policies Forum; member of the Editorial Advisory Committee, National Foremen's Institute; representative of National Catholic Community Service for the Armed Forces Committee; member, State Council of the Connecticut Merit System Association; and member of the Industrial Management Club of Torrington.

★ ★ ★

SALES VOLUME of Gray Manufacturing Company, Hartford, more than doubled in the first three months of this year over the comparable period a year ago, the company reported to stockholders recently. Gray produces Audio-graph electronic dictation and transcribing equipment.

Profits before taxes totalled \$416,798 for the quarter, compared to \$286,655 for the first quarter of 1951, Walter E. Ditmars, president of the 61-year-old concern reported. Income after taxes for the two periods amounted to \$131,698 and \$115,955 respectively.

The company's provision for taxes for the first quarter of 1952 increased by 67 per cent over the corresponding period of 1951, from \$170,700 to \$285,100, Mr. Ditmars reported.

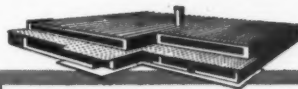
★ ★ ★

WILLIAM J. ZIEGENHEIN, vice president for Russell & Erwin Sales of the American Hardware Corporation, New Britain, presented certificates to ten students who completed the eight week builders' hardware course at the Russwin headquarters in New Britain recently.

Including this class, more than two hundred builders' hardware specialists from all parts of the country have completed this course which covers the correct methods of selecting and specifying the proper builders' hardware for the right job.

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Get those Weed ROOTS!

Go to the Root of Your Weed Problem
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Where no vegetation whatsoever is desired such as your parking places and walks. Penetrates deep down to plant roots and kills. Sterilizes the soil, preventing normal sprouting of wind-blown seeds. Weeding the thorough, modern chemical way eliminates backbreaking toil and saves the cost of many labor-hours.

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The efficient way to control weeds on your seeded areas. Works its way down into the roots of brush, dandelion, plantain, poison ivy, ragweed, sumac and other obnoxious plants, but does not injure most turf grasses.

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PRINCIPALS in a panel discussion of Free Enterprise which featured the final meeting of the season of the New Haven Sales Executives Club. (Left to right) Ronald V. Bennett, sales manager of the Electrical Division, Olin Industries, Inc.; Darton Greist, president of the club and vice president and secretary, Professional Equipment Co.; Fred G. Cook, general manager, American Distributors, Inc.; Richard A. Holman, sales manager, American Airlines; G. Albert Lawton, general agent, Aetna Life Insurance Co.; and Arthur E. O'Leary, branch manager, Pitney-Bowes, Inc.

IN LINE with the program of the Sales Executives' Clubs which includes participation in community affairs, five members of the Sales Executives' Club of New Haven addressed student assemblies of Hamden High School's annual "Career Day" recently. Career opportunities, problems, and qualifications were discussed by 64 men and women leaders in business, arts and sciences. Each guest lecturer's one and one-quarter hour talk to students, who indicated preference for a career in the speaker's field of endeavor, was concluded with answers to students' specific-interest questions.

The Hamden High School "Career Day" is designed "to contribute to the vocational education of students by serving to focus their attention on career choices and to bring to them facts on

occupational trends and opportunities which could not otherwise be obtained."

★ ★ ★

THE RETIREMENT of Robert M. Keeney, rate engineer of The Connecticut Light and Power Company, has been announced by Robert G. Ely, vice president in charge of sales.

Mr. Keeney, who was educated at the Massachusetts Institute of Technology and the Colorado School of Mines, joined the company in 1925 as an industrial heating engineer after previous work as an engineer in western mines and with the Westinghouse Electric Company. He was appointed industrial manager in CL&P's sales department in 1939, and rate engineer in 1948.

Mr. Keeney has been active in various utility organizations. For many



years he was an active member of the Power Engineers' Association of New England. He served as a member of the insulation committee of the New England Gas Association from 1933 to 1935. From 1935 to 1939 he served successively as director, secretary-treasurer, vice chairman, and chairman of the association's industrial division. Last year the NEGA presented him its annual award in tribute to the value of his contributions to the association and its programs. He is currently a member of the rate committee of the American Gas Association.

★ ★ ★

IN KEEPING with the recognition of Armed Forces Week throughout the country, the Navy and Norden Instruments, Inc. joined in a cornerstone laying ceremony for Norden's Plant No. 2 on the Boston Post Road recently. Herman Morich, general foreman of one of Norden's plants, who has been a Norden employee for more than fifteen years, was Master of Ceremonies.

Captain R. L. Adams, assistant chief of the Navy's Bureau of Ordnance in Washington, D. C., was the guest speaker for the occasion. Navy guests, in addition to Captain Adams, were Commander J. Stephen Unger, Inspector of Naval Material, Bridgeport, and Lt. Commander Gerald Ryan, Aviation Ordnance Inspector at Norden.

Completion of the new plant is expected in approximately one month. The new building will include the latest in plant design and facilities required in the field of manufacture of precision instruments and controls in which the Norden Company specializes.

★ ★ ★

IN AN IMPRESSIVE CANDLE-LIGHT ceremony recently, Boy Scout Troop 23, sponsored by the Rockbestos Products Corporation, was granted a charter and 21 boys were accepted into the troop. The ceremonies were witnessed by approximately 70 parents and friends of the boys, Boy Scout officials, and representatives of Rockbestos.

A. G. Newton, president of Rockbestos, accepted the charter for the new troop from a fellow industrialist, Daniel W. Northup, president of the Henry G. Thompson & Son Co., sponsors of Boy Scout Troop 48, the first troop in Connecticut to be sponsored by an industrial firm.

President Newton presented membership cards to the members of the troop and to Scoutmaster Ralph Root, a

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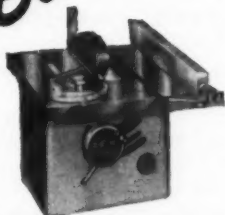
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Short Runs — Long Runs

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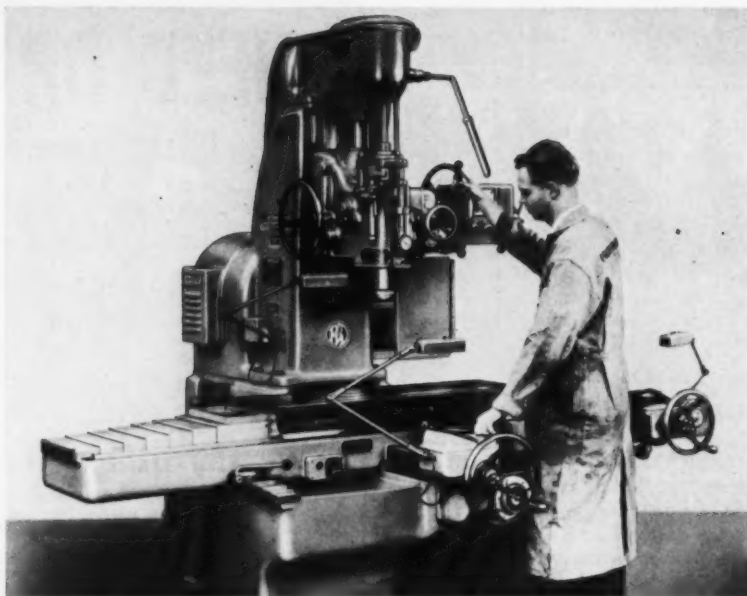
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H. J. MILLS, INC.
ESTABLISHED 1887
BRISTOL • CONNECTICUT



THIS NEW 1E JIG BORER, developed by Pratt & Whitney Division, Niles-Bement-Pond Company, is said to meet today's demand for a small size jig borer of superior accuracy, versatility and speed of operation.

Rockbestos employee. Shepard Hornstein, New Haven District Camping Chairman for the Boy Scouts, and formerly a Boy Scout Executive in Chicago, gave an illustrated talk on Camp Se-quassen.

★ ★ ★

JOSEPH O'BRIEN, vice president in charge of sales for The Bristol Brass Corporation, was elected a member of the Board at a meeting of the company's board of directors recently. At the same time he was elected vice president, and his duties expanded.

Mr. O'Brien's election to the Board fills the vacancy created by the recent death of Joseph H. Hyde, vice president and general superintendent.

Mr. O'Brien has been with Bristol Brass for 35 years. He started as a clerk in the production department in 1917, and five years later joined the sales department. In 1941 he became assistant general sales manager and two years later he became general sales manager. Last year he was appointed to the position of vice president in charge of sales.

★ ★ ★

THE DEVELOPMENT of a new small-size jig borer has been announced by Pratt & Whitney, Division Niles-Bement-Pond Company, West Hartford. The new model is the second of a series of completely new design jig borers being added to their present line.

It is the smallest of the new machines which feature the Electrolimit Measuring System, and has been designated the No. 1E.

The No. 1E provides an unusually accurate machine for precision locating, drilling and high-speed boring of small work. Design improvements in the new machine include a heavier and wider bed construction, table and carriage way telescoping guards, built-in Electrolimit Measuring System, a new design quill mounting and a handy control center for faster and easier operation.

A four-page circular describing the features of the No. 1E Jig Borer, with illustrations and complete specifications has been prepared by the company and is available for the asking.

★ ★ ★

STANLEY TOOLS, New Britain, has announced a new line of "100 Plus" full octagon hammers. Distinctive creation of the octagon head and handle is designed to appeal to carpenters, home craftsmen and hobbyists who want extra styling in a quality hammer.

The new full octagon head of forged alloy steel is correctly heat treated and tempered for hardness and toughness. Claws are finely beveled to grip nail shanks or the smallest brads. Select straight-grained hickory handles are "Evertite" processed, finished with a clear grain-revealing lacquer, and triple-wedged into the head.

THE MALLEABLE IRON FITTINGS COMPANY of Branford has received recognition as the first industrial organization in the state to comply 100 per cent with the occupational disease standards set by the Connecticut Rating Bureau on protection from silica dust.

In making the announcement, T. F. Hammer, president of the company, stated that the recognition was a result of the company's determination to give their employees the best possible working conditions including adequate protection from exposure to the occupational disease known as silicosis.

In cooperation with the safety engineers of the company's insurance carriers, the American Mutual Liability Insurance Company of Boston, a system has been devised to clean regularly overhead trusses and beams to aid in keeping the plant free of flying particles of silica dust that are injurious to the lungs. Approved helmets that protect both lungs and eyes are supplied to all Malleable employees engaged in sand blasting operations where every precaution must be taken to avoid inhaling injurious dust.

★ ★ ★

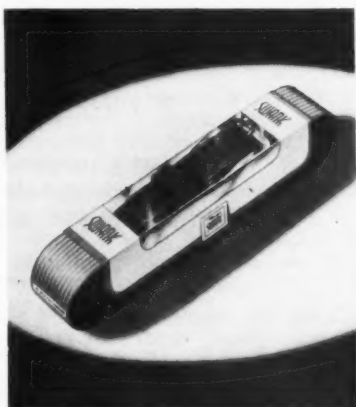
BRIEF CEREMONIES held recently at the new plant of Hamilton Standard Division, United Aircraft Corporation in Windsor Locks, symbolized the start of manufacturing operations at the twenty-acre factory.

Although not quite complete, the plant was declared open by Frederick B. Rentschler, chairman of United Aircraft Corporation, as he cut a broad ribbon barring the doors to the main lobby, with Erle Martin, general manager of Hamilton Standard, at his side. The American flag was raised for the first time over the new plant by Paul A. Azinger, a 28-year company veteran and its oldest employee in years of service.

A few moments later, Captain M. A. Hirsch, Bureau of Aeronautics Representative, pressed a button to start the first of a line of machines only placed in its new location the day before. On the opening day approximately 1,500 employees had been transferred to the new plant along with their machines and equipment. Daily more departments move the fourteen miles to the new Bradley Field site, and by early August the operation, one of the largest of its kind in industrial history, will be virtually complete.

SECOND AWARD in the Textile Division of the Folding Paper Box Association 1952 contest for outstanding examples of progressive packaging, went to S. Curtis & Son, Inc., Sandy Hook, Conn., for a belt box produced for Swank, Inc.

The box which received the award is of an unusual shape having rounded ends. It holds a man's belt folded and the product is plainly visible through an acetate-covered aperture. This feature permits the customer to see the merchandise and examine it without danger of soiling the product. Constructed on the sleeve principle, the merchandise is readily accessible if closer examination is desired.



THE SWANK BELT BOX, which won for S. Curtis & Son, Inc., Sandy Hook, second award in the Textile Division of the Folding Paper Box Association contest.

A SERIES OF EXPLOSIONS at the fireworks plant of M. Backes Sons, Inc., Wallingford recently caused the death of Andreas Webber, who was killed instantly in the blast. Two other employees were critically injured.

Although no estimate of total damage to the community was made, it was evident that tens of thousands of dollars' worth of repairs would be needed to houses in the neighborhood. Loss at the Backes plant was estimated at more than \$100,000.

★ ★ ★

MANY PEOPLE like to attend fairs, but frequently overlook the time and place of those being held nearest to their homes. In order that every Association member executive or employee and other readers of **CONNECTICUT INDUSTRY** may be informed of the 1952 schedule of Connecticut's fairs, the chronological list of these fairs has been

secured from the State Department of Farms and Markets, and is reproduced below. Further details concerning each fair may be secured by writing to the Department of Farms and Markets, State Office Building, Hartford.

Chronological List of Connecticut Fairs, 1952

August 9-10, Windham County 4-H Fair, Brooklyn; August 15-16, Ham-burg Fair, Lyme; August 15-16, Middlesex County 4-H Fair, Durham; August 15-16, New Haven County 4-H Club Fair, Orange; August 15-16, Pom-peraug Grange Fair, Southbury; August 19-20, Fairfield County Horticultural Society Fair, Fairfield; August 22-23, Fairfield County 4-H Fair, Monroe; August 22-23, Hartford County 4-H Fair, Windsor Locks; August 22-23, Litchfield County 4-H Fair, Warren; August 22-23, Tolland County Fair 4-H Fair, Stafford Springs; August 23-24, Chester Fair, Chester; August 29-30, New London County 4-H Fair, North Stonington; August 30, Marlborough Grange Fair, Marlborough; August 30-31, September 1, Goshen Fair, Goshen; August 30-31, September 1, Woodstock Fair, South Woodstock; September 1, Haddam Neck Fair, East Hampton; September 4, 5, 6, 7, North Haven Fair, North Haven; September 5-6, Norwich Grange Fair, Norwichtown; September 5-6, Rocky Hill Grange Fair, Rocky Hill; September 6, Echo Grange Fair, Mansfield; September 6, Wapping Fair, Wapping; September 6-7, Bethlehem Fair, Bethlehem; September 11, 12, 13, 14, Brooklyn Fair, Brooklyn; September 12-13, Berlin Grange Fair, Berlin; September 12-13, Wallingford Grange Fair, Wallingford; September 13, Guilford-Madison Future Farmers Fair, Madison; September 13-14, Terryville Country Fair, Terryville; September 14-21, Eastern States Exposition, Springfield, Mass.; September 19-20, Guilford Fair, Guilford; September 19-20, Meriden Grange Fair, Meriden; September 20-21, Portland Agricultural Fair, Portland; September 23-24, Union Agricultural Society, Somers; September 25, 26, 27, 28, Stafford Fair, Stafford Springs; September 26, 27, 28, Durham Agricultural Fair, Durham; September 27-October 5, Danbury Fair, Danbury; October 2, 3, 4, 5, Berlin Fair, East Berlin; October 4-5, Harwinton Fair, Harwinton; October 11, Glastonbury Grange Fair, South Glastonbury; October 11-12, Riverton Fair, Riverton.

A black and white line drawing of a worker in a hard hat and work clothes standing on the ground, operating a vertical crane. The crane's long arm extends upwards, with a hook at the end. The background shows a multi-story building with many windows.

PICK UP YOUR PROFITS

The cost of materials handling comes high in any factory but if yours is a multi-story factory you have a greater problem.

Here's where electric equipment can pick up profits for you.

Alert management can use modern materials handling methods and electric equipment to cut costs, save man-hours and increase production.

An industry running at a loss doubled its capacity under a new owner using electric materials handling equipment for vertical storage. This eliminated need for new construction and released critical materials and manpower for essential uses.

The man who can tell you how to use kilowatt hours instead of expensive manhours is your electric company power engineer. His help is yours for the asking.

YOUR ELECTRIC COMPANY

THE CONNECTICUT LIGHT AND POWER COMPANY

THE CONNECTICUT POWER COMPANY

THE HARTFORD ELECTRIC LIGHT COMPANY

THE UNITED ILLUMINATING COMPANY



INDUSTRIAL Relations — Law

By FREDRICK H. WATERHOUSE
Counsel

THE CONNECTICUT Supreme Court has recently announced a decision in a case involving the Yale and Towne Manufacturing Company which further interprets the rights of employees to unemployment compensation when their plant is struck. It will be somewhat difficult of application but does outline the principles involved and rather fully indicates the approach which the unemployment commissioners should take to certain situations.

The difficulty arose from the fact that there were two unions at the plant, one of which represented about 2,600 production workers and the other which represented about 400 office workers. The production workers went on strike and resorted to mass picketing with a few acts of violence and definite threats against any workers, including the office workers, who crossed the picket line. For several days it was physically impossible for anyone to enter the plant. Later the State Police entered the controversy and made access available

although picketing continued and threats created a fear in many of the office employees that any effort to cross the picket line would jeopardize not only his own safety but also that of his family. This situation continued from November of 1945 until April of 1946.

During this time the attorney for the strikers was also representing the office force, and there was some evidence to indicate he had told the office force during the pendency of the strike that he would obtain pay increases for them before the strike was settled and had negotiated with representatives of the company upon that basis.

The unemployment compensation commissioners had granted unemployment compensation benefits for twenty-two weeks, but the Superior Court had reduced the compensable weeks to four. This decision was apparently based on the physical impossibility of the office workers entering the premises during the first four weeks of the strike whereas after that it was physically possible for them to go to work.

The Supreme Court rejected both of these conclusions and decided that it would be necessary to refer the case back to the original commissioners to determine whether certain facts actually existed. There were two questions which the Supreme Court said were questions of fact and must be determined by the commissioners in the first instance before a final decision could be made. The first of these tests was whether the employees refrained from crossing the picket line in order that, by further crippling the activities of their employer, they might advance the cause of the strikers. The Supreme Court states definitely that "if such was the fact, the plaintiffs were obviously participating in the dispute and hence were ineligible to receive benefits under the act. When an employee has the choice of crossing the picket line or of refusing to do so because of his adherence to the written or unwritten law of his union, his unemployment, if any, is voluntary. This choice, which members of organized labor are frequently called upon to make, has always been deemed a voluntary one. Voluntary idleness is not involuntary unemployment. The test to be applied in determining whether a person's refusal to cross the line renders him a participant in the dispute is, therefore, whether his refusal was voluntary or involuntary."

With regard to whether the fear of bodily harm will excuse his not crossing the picket line, the Court inferred that it would since such unemployment is involuntary. However, other questions might well be raised under the Unemployment Compensation Act with re-



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Coventry, R. I. 1-3311

Millerton, N. Y. 1

Mt. Kisco, N. Y. 6-5174

In Connecticut:

Derby 4-2503

Middletown 6-5652

Niantic 9-5418

Windsor 8-3623

gard to eligibility for compensation through involuntary unemployment. The fact that unemployment is involuntary does not necessarily qualify an individual for unemployment compensation. The Supreme Court did mention that if the determinative reason for the refusal of each employee to cross the picket line was a desire to abide by union traditional practice, he is disqualified from any unemployment compensation during the period of such unemployment. The Court stated that this fact was one which the commissioners must determine in the first instance.

The other question which was sent back to the commissioners for decision centered around the company claim that the office employees were influenced to and did refrain from going to work because of the promise of the attorney for both unions that he would obtain pay increases for them before the strike was settled and had negotiated with representatives of the company for that purpose. This revolves around the disqualification for unemployment compensation if an employee is "directly interested in" a labor dispute. The Court states "An employee is 'directly interested in' a labor dispute if his wages, hours and working conditions will be affected by the outcome of the dispute."

Both of these questions sent back to the commissioners for decision called for a careful analysis of the evidence and weighing of the facts, but they do indicate the attitude and approach of the Supreme Court and help in an understanding of the law as it now exists.

Detroit Steel Corporation in Connecticut

(Continued from page 12)

sively thinned down from its original thickness. The exact amount of reduction depends on how much additional cold working the steel requires in the finishing mills to meet the actual gauge, temper and surface quality needed by the customer.

This is called a 4 Hi mill because it has four rolls operating one over another. The two smaller middle rolls (12 $\frac{3}{8}$ " diameter), actually "roll" the steel, and are termed the "work" rolls. The two outer and larger rolls (26" diameter) press tightly against the

"work" rolls and are called the "back-up" rolls. The rolls are 24" long.

This precision mill has a rated speed of 1,500 feet per minute. Its various motors are rated over 1,750 HP.

The use of the 4 Hi reversing principle is another innovation in making cold-rolled strip adopted by Detroit Steel Corporation.

Annealing

Cold reducing hardens the steel. To make it more workable, it must be softened by annealing.

Annealing is accomplished by heating the steel in specially constructed furnaces, to a predetermined temperature for a certain number of hours. The steel is then allowed to cool gradually. Throughout the process, the furnace atmosphere is kept under strict control.

Detroit Steel uses portable, gas-fired, radiant tube, convactor furnaces—a revolutionary engineering advance in annealing practice.

In adopting furnaces of this type in the manufacture of cold-rolled steel strip, Detroit Steel again led the Industry.

Finish Rolling

Annealing leaves the metal too soft for most practical purposes. For that reason it must be further conditioned by temper and finish rolling. This is done on finishing mills, also called "skin roll," "skin pass," "pinch pass," or "temper" mills. Finish rolling gives the steel the proper temper and the desired degree of surface brightness. This work is done in a 2 Hi mill having 18" diameter rolls. Speed: 600 feet per minute.

Testing

Throughout the manufacture of cold-rolled steel strip tests are made repeatedly to assure accuracy and uniform quality. The instrument most commonly used for determining the relative temper (or hardness) of the steel is a Rockwell testing machine.

Finishing Operations

After the steel leaves the Finishing Mill further processing is usually required such as slitting to width, straightening, cutting to length, flattening or edging. Among the different machines that perform this work are Rotary Slitters and Edging and Cutting Machines.

Shipping

The Shipping Department prepares

the steel for shipment and loads it on trucks and railroad cars. Mobile lift trucks, a transfer car and a 10-ton overhead crane are used in this work.

To insure safe handling and arrival in proper condition the steel is banded, skidded and oiled before shipment. The company operates its own fleet of "over-the-road" trucks.

Sheet Steel Department

One section of the plant is occupied by the eastern branch of DSC's Reliance Steel Division which also operates plants in Chicago, Cleveland and Detroit.

Reliance concerns itself with warehousing and processing operations as distinguished from manufacturing. It carries in stock for immediate shipment "ready made" steel consisting mostly of sheet steel purchased from outside mills.

This service is a big help to customers who need steel in a great hurry, or who require quantities too small to be "made to order" economically by a mill.

The Company is Now Firmly Rooted in Connecticut

Stimulated by Connecticut's favorable industrial climate Detroit Steel's Eastern Plant has already begun to grow. Its initial annual capacity of 60,000 tons of cold-rolled strip is now about 20% higher. Company executives explain that the plant was planned and constructed to permit doubling the initial capacity whenever customer demand calls for it.

A. D. Brown, Manager of Detroit Steel's Eastern Plant, when asked how his company people felt about their experiences to date in Connecticut had the following to say: "At Hamden, thanks to the excellent highways that crisscross Connecticut, we are near our customers and we can give them speedy service almost at arm's length. Here we also enjoy transportation by rail and water, together with ample and dependable supplies of water and electric power. We are especially appreciative of being a part of this thriving, progressive and cooperative community both local and state wide. We are fortunate, too, in our employees. They are a fine group of solid citizens, industrious, intelligent and competent. Our executives planned wisely in locating in Connecticut. All of us feel that we can grow and prosper here."

ACCOUNTING HINTS

Contributed by the Hartford Chapter National Association of Cost Accountants to stimulate the use of better accounting techniques in industry.

Indirect Material Expense Reduction

TO START a program of cost reduction requires the interest of management and the requirement that those who authorize costs exert every effort to bring about their reduction.

In a period of increasing costs, many of which cannot be properly controlled, it is good business to select those costs which can be controlled to emphasize the importance of cost reduction. The experience here related is given as illustration of the method used in a small manufacturing plant to bring about the reduction of cost of indirect materials used. It is by no means novel in detail but, as put together, it has the distinction of being truly effective.

The account classification for indirect materials is set up to cover fourteen types or classes of shop supplies used by the nine productive departments and ten nonproductive departments. A departmental budget for each class of material used is set up for three to six periods ahead. This budget is prepared by the controller after consultation with the production superintendent and the foreman of each department. The basis for the final budget is past usage and estimated minimum standard of indirect material required for the planned production of the periods ahead. Economy in use of indirect materials is stressed in reaching the final budget figure. This figure is a standard which the foreman has helped to establish and for which he will be held accountable.

The accounting for indirect material is carried through inventory by a charge to supplies inventory account with a credit to accounts payable on material

when purchased and a charge to one of the departmental indirect material expense accounts with a credit to supplies inventory account when the material is taken from the stockroom, by means of a requisition approved by a department foreman. These requisitions are costed, classified and summarized to obtain the total charge for each class of indirect material used by each department. This method makes it certain that the cost of indirect materials will be shown in the period when the material is used. Additional control in the indirect material purchasing and accounting routine is obtained by requiring the approval of the assistant chief engineer for placing orders for any types of materials not formerly considered as necessary. Maximum inventory levels are enforced to

prevent overstocking of indirect materials.

The comparison at the end of each period of the actual expense of indirect materials used with the budget standard is carried out by the production superintendent with each foreman individually. It is here that emphasis is placed on the necessity for continued vigilance on the part of foremen to cut costs of indirect materials and supplies used thus giving to the program its especial value. Thinking about and acting on this one phase of expense reduction has brought about a consideration of other costs that might be reduced, which means that the ball has been set rolling in the right direction.

MORRISSEY & CHENEY

Insurance

Specializing in
Industrial and Commercial
Accounts

INSURANCE CONTROL

163 Asylum St., 7-8291
Hartford 3, Conn.

General Steel Products

LOCKERS SHELVING CABINETS PARTS BINS

PROMPT SHIPMENT FROM OUR WAREHOUSE STOCK

MOVABLE PARTITIONS

FOR OFFICES, FACTORIES, TOOL CRIBS, TOILETS

WORK BENCHES SHOP STOOLS REVOLVING BINS

WARD MAIER & CO.

Experienced Erectors for Installation or Repairs
CALL US FOR ALL TYPES OF SHOP EQUIPMENT

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KIMBRINGTON, CONN.

NEW BRITAIN, CONN.
Box 993
Phone: 3-0626

Offices:
MILFORD, CONN.
Box 246
Phone: 2-0997

WATERTOWN 72, MASS.
8 Hazel St.
Phone: 4-4221

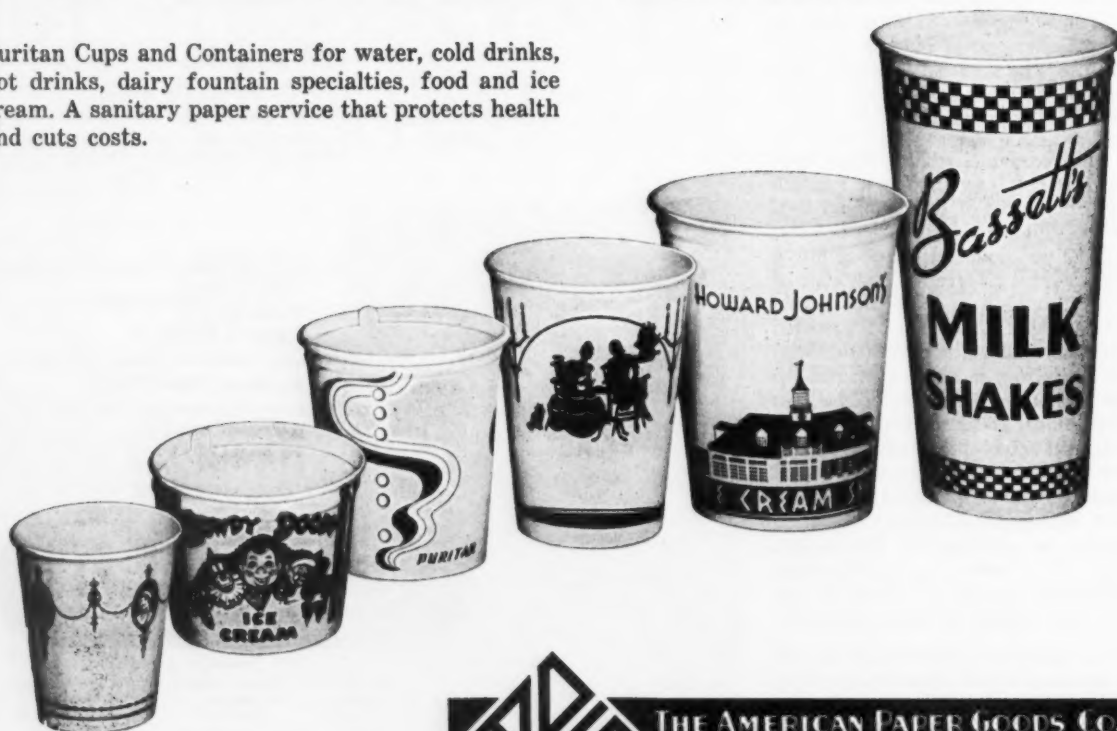
for America's industry

Cellophane, glassine and opaque bags and envelopes of standard and custom design for packaging food, drugs, specialties, industrial parts, clothing and an almost endless list of other items for industrial and military use.



for America's health

Puritan Cups and Containers for water, cold drinks, hot drinks, dairy fountain specialties, food and ice cream. A sanitary paper service that protects health and cuts costs.



THE AMERICAN PAPER GOODS CO.

KENSINGTON, CONNECTICUT • CHICAGO, ILLINOIS

SINCE 1893

BUSINESS TIPS

from

School of Business Administration

University of Connecticut

A Checklist For More Effective Advertising

By ROLAND B. SMITH, *Assistant Professor of Advertising**

IN THE day to day business of advertising, the practice of the art is often so complicated that it is sometimes difficult to see the structure that gives advertising its coherence and efficiency. The following checklist of some of the major points is offered in the hope that it may prove helpful as a guide to creating advertisements that are more effective.

The list is based on the assumption that the product is good.

1. **A SOUND IDEA**—More effective advertising results if it incorporates a sound, basic selling idea. To this end, it is important to know the buyers' problems and their objectives, in order that the selling idea will appeal to, and apply to those reader problems and purposes. It is ideas, not mere words, that move men's minds.

2. **BROAD USE**—Advertising should be looked upon as a broad-gauge medium of communication. The full effectiveness of advertising cannot be enjoyed if it is considered solely as an instrument for getting immediate sales. Whenever a businessman has a message to convey to his market, he should consider his advertising as an appropriate means for transmitting that message. Conversely, whenever he thinks of discontinuing his advertising, he is on the verge of acknowledging that he has nothing to say.

3. **PLAN YOUR OPERATIONS**—Of equal importance is the planning of the advertising operations. Few good buildings are constructed without a blue-

print. Similarly, good advertising results only by chance without its "blueprint." Advertising should be carefully and thoroughly planned before any copy is written or any illustration prepared—before any space is bought. The use of a copy policy for this purpose was dis-

cussed in this space at this time last year.

4. **EMPLOY COMPETENT HELP**—How frequently it happens that after trained and experienced copywriters and artists have prepared an advertisement—some member of top management—usually without benefit of either training or much experience reaches for the blue pencil. If, for some reason, the copy or the layout are not satisfactory, it is better to indicate the nature of the deficiency and leave it to writers and artists to effect the change. It is still better to employ competent practitioners and leave it to them to produce effective results. With proper planning, effective advertising is highly probable. The employment of competent help, either within the organization, or through an agency is, in the long run, usually, the most economical method.

5. **COORDINATE SALES EFFORTS**—To achieve effective advertising, the advertising department and the sales force must be coordinated in achieving the common objectives of the firm. Both departments should consider jointly the over-all policies and objectives of the company, and coordinated plans of ac-

Art & Photography

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ILLUSTRATING • LETTERING • RETOUCHING

LAYOUT • CATALOG AND BOOKLET DESIGN

PRODUCT PHOTOGRAPHS AND
COMMERCIAL PHOTOGRAPHY

Printing Plates

LINE • HALFTONE • BENDAY • COLOR
FOUR COLOR PROCESS

PHONE 2-0193

THE GRAPHIC ARTS CO.

172 HIGH STREET • HARTFORD, CONN.

SERVING CONNECTICUT INDUSTRIES SINCE 1904

* School of Business Administration, The University of Connecticut.



Advertising agencies looking for business are a lot like candidates for public office. ★ ★ ★ Like good voters, sound advertisers listen carefully to the self-praise and promises of future action . . . and then take a long hard look at the record before making up their minds. ★ ★ ★ Our record covers twenty-five years of steady growth, from a "one man shop" to an agency of the organization and caliber usually found only in metropolitan advertising centers. ★ ★ ★ We should like you to look at our record, as compiled in behalf of many leading Connecticut advertisers. Then, we hope, you'll want to wear our campaign button as a number of very important advertisers do.

CONNECTICUT'S OLDEST — CONNECTICUT'S LARGEST ADVERTISING AGENCY
HARTFORD — NEW YORK

Member of American Association of Advertising Agencies



tion should be developed. Disillusionment among the readers of advertising, that so often follows promises unfilled by other members of the firm, can thereby be avoided.

6. GET NEEDED INFORMATION—The best copywriter in the world cannot write effective copy unless he has the facts on which to base his copy. It is dangerous to assume market interests. It is much more practical, and economical, to conduct the necessary research for the facts that will make the advertising helpful and worth reading. Good advertising is built—built on information.

7. SELECT THE RIGHT READERSHIP—Like any other means of transportation, media should be chosen for the destination to which it goes. Media should be selected for the prospects who read, not for the mere numbers of readers. Once the media have been selected, each advertisement should make clear in its headline, or through its illustration, or both, the kind of readership to whom the advertisement is directed. The objective to be avoided at all costs is an advertisement that will appeal to all who see it. To appeal to all is usually to appeal to none.

8. PROVIDE ENOUGH EFFORT—If any advertising campaign is to be successful, it must have in back of it sufficient appropriation to see it through. The size of the job to be done and the effort necessary to do it must be equal. Otherwise, waste will result.

9. TELL A COMPLETE STORY—Whether the copy is long or short, it should contain enough words to convey the idea clearly, fully, and convincingly. The success achieved by the "Tell-All" approach would seem to be sufficient evidence to justify its use. Brevity may be the soul of wit; it is not necessarily the soul of advertising. Each advertisement should be built so as to achieve the objectives set for it. That means each advertisement must be a complete unit in itself. A few extra words are often the difference between a so-so advertisement and one that wins customers.

10. BE REASONABLE—All claims in advertising should be backed by facts. Our pride in our product must not blind us to the "show me" attitude of customers. Usually it is far better to offer too much proof of our claims than not enough. We can never afford to

raise even unreasonable doubts in the minds of readers of our advertising.

11. LIVE IT—There are still some business firms that have yet to learn the importance of backing up their advertising with appropriate corporate behavior. Face powder is no substitute for a bath. The advertising should set the standard toward which the company strives. The effects of advertising can be ruined if a firm does not suit its actions to its words.

12. SUGGEST ACTION—Never let a reader get to the end of your advertisements only to ask "So what?". Every advertisement, except those of an institutional nature, should contain a suggestion for some specific action.

* * *

It is understandable that many, if not all, of these points are already familiar. Nevertheless, a reading of current consumer and business advertising suggests that however familiar the points are, they are often overlooked or disregarded. Even the best practitioner can sometimes lose sight of the basic principles upon which the art of advertising is based. For that reason these reminders may not seem amiss.

Shortages occur in the property accounts

- A check of the property accounts against the property itself frequently reveals substantial unrecorded deductions.

Such unexplained shortages may be prevented through Continuous American Appraisal Service which keeps the property record in line with the property facts.

The **AMERICAN
APPRAISAL**



Company

Over Fifty Years of Service
OFFICES IN PRINCIPAL CITIES

JOHN J. PLOCAR *Company**

MANAGEMENT CONSULTANTS

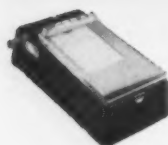
**SPECIALIZING IN MANAGEMENT PROBLEMS
OF SMALL AND MEDIUM SIZED COMPANIES**

- Organization
- Methods and Incentives
- Job Evaluation
- Production Control
- Factory Layout
- Costs and Budgets
- Foremen's Bonus
- Office Procedures
- Personnel Administration

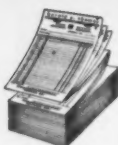
*** STAMFORD, CONNECTICUT**



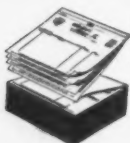
from **UARCO** INCORPORATED,
DEEP RIVER



Registers



Register Forms



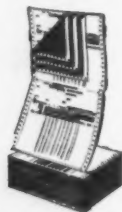
Multi-Link
Continuous Unit Sets



Fanfold Forms



Multi-Fold Forms

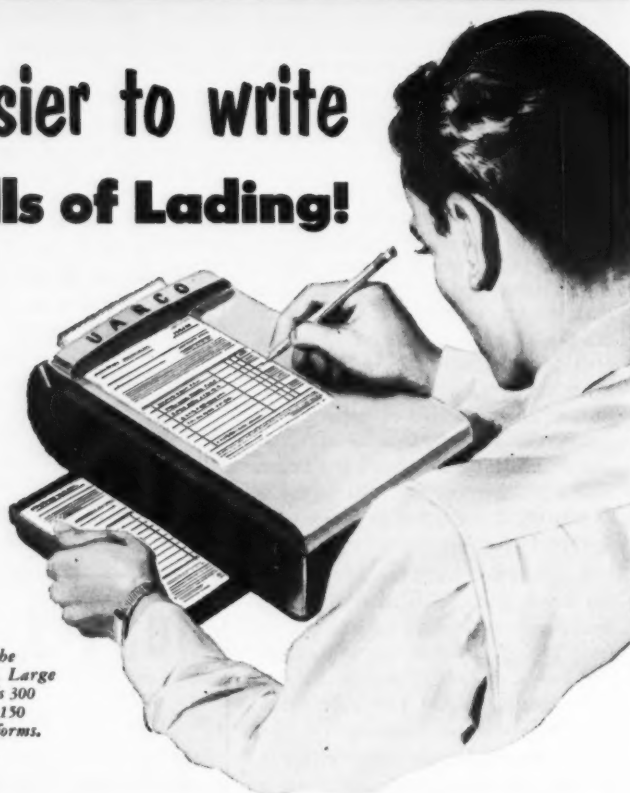


Control Punched Forms



E-Z-Out Unit Sets

...easier to write Bills of Lading!



Register shown is the Uarco Manifold. Large form capacity holds 300 2-part, 200 3-part, 150 4-part, 100 5-part forms. All copies issue.

Uarco Bills of Lading in a convenient autographic register are your easiest, fastest way to write U.B.L.'s by hand!

The clerk in the illustration is using a register containing up to 300 continuously linked Bill of Lading Forms. Pre-printed on them are items covering all his company's products. He fills out the forms simply by check-marking, *eliminating* writing of many details. And he does this just once—the register does the rest, turning out clear, crisp carbons for carrier, receiver, for himself. It's quick, easy, and accurate!

Lower Rates—pre-printing assures each product shipped is properly described to carry lowest rates. Overcharges from incorrect listings are impossible. So are mistakes in routing, in checking at receiving end. Uarco Forms pay back their cost over and over again. Your extra bonus is always the saving in *time*!

These Benefits Can Be Yours. Uarco designs and prints Bills of Lading to fit every type of shipping operation; provides the right kind of register to use.

To find out how *you* can save . . . call a Uarco Representative, or call Uarco's nearby Deep River, Connecticut, plant direct.



BUSINESS FORMS

Factories also located in Cleveland, Ohio; Chicago, Illinois; Waukegan, Illinois; Oakland, California.

NEW ENGLAND'S FOREMOST PRODUCER OF BUSINESS FORMS

BUSINESS PATTERN

A comprehensive summary of the ups and downs of industrial activity in Connecticut for the thirty day period ending on the 15th day of the second previous month.

IN APRIL the index of general business activity in Connecticut declined for the second consecutive month to an estimated 23% above normal. The combined decreases for March and April amount to six percentage points and place the index at the lowest standing since October 1950. In the past year and a half the general index has maintained a high level of activity, averaging 29% above normal and reaching a postwar high of +38% in July 1951. During the course of the past two months all five components have experienced decreases of varying proportions. The employment index remained unchanged in March and reflected only a slight decline in April, while the manhour index fell off moderately in both months. Freight shipments, construction and cotton mill activity all dropped noticeably in March and then held at approximately the same position in April. After moving horizontally in March the United States index of industrial activity declined four percentage points in April to an estimated 10% above normal. This decrease was due chiefly to work stoppages in the steel industry although there was also a moderate slackening in the lumber, paper and livestock industries.

The index of employment in Connecticut factories fell off one percentage point in April to an estimated 18% above normal. Prior to this month the index had held at +19% for four successive months and had remained at or above that figure since May of last year.

The position which Connecticut industrial employment holds among the New England states is reflected in the monthly releases of the Boston office of the U. S. Department of Labor. The following table shows total manufacturing employment, by states, as of

March 1952 along with certain percentage comparisons:

Manufacturing Employment in New England States

State	No. of Employees	% Change From March 1951	% of Population	% of Non-Agricultural Employment
Massachusetts	717,000	-4	15	41
Connecticut	429,000	+3	21	52
Rhode Island	145,000	-7	18	49
Maine	112,000	-2	12	43
New Hampshire	82,000	-4	15	49
Vermont	39,000	+2	10	40
Total	1,524,000	-2	16	45

During the past year Connecticut and Vermont, with increases of 3% and 2%, respectively, were the only states to show improvements in manufacturing employment. The principal reason for the Connecticut gain is that this state has considerable activity in the heavy goods industries such as aircraft and machinery where growth has been most noticeable, whereas other states have a preponderance of activity in soft goods such as textiles where the decline in employment has been greatest. In relation to total population, Connecticut has the highest percent of its people engaged in manufacturing, 21% compared with a New England average of 16%. Also, Connecticut is the only state in the New England area where more than half (52%) of those engaged in non-agricultural employment are in manufacturing industries.

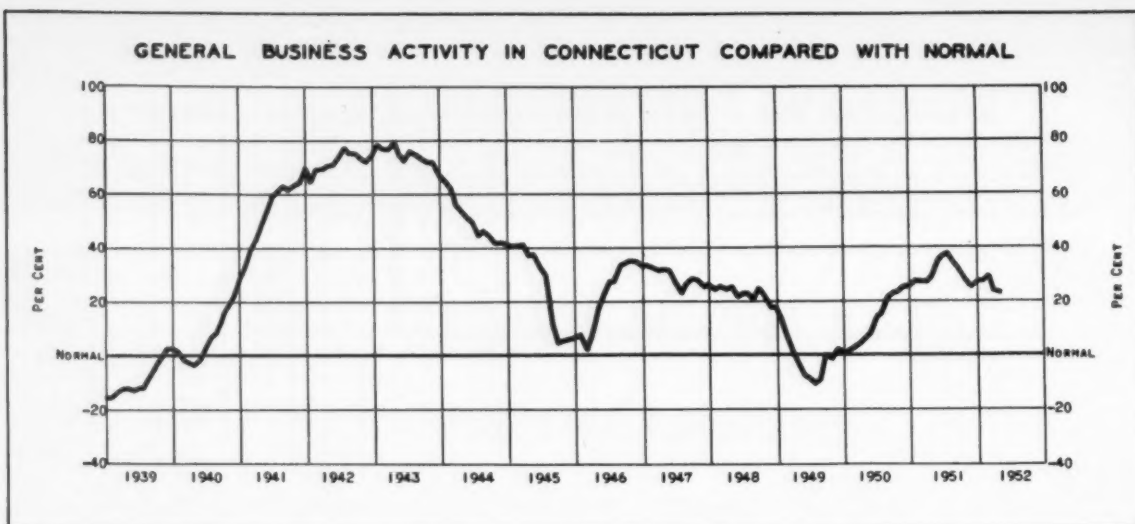
The April index of manhours worked in Connecticut factories declined to an estimated 35% above normal. The manhour index had also moved within a narrow range during the past year, holding between +38% and +43% until the present three point drop. The number of persons working and the average

hours worked per week both declined between March and April, manufacturing employment from 429,000 to 427,000 and average hours from 42.2 to 40.6. At the same time average weekly earnings for manufacturing production workers decreased from \$69.83 to \$66.93 while basic hourly earnings rose from \$1.58 to \$1.60.

Beginning with January 1952 data, the U. S. Bureau of Labor Statistics started publishing a monthly tabulation of the number of new dwelling units for which local building permits were issued. Because some small localities do not issue building permits and others do not report their permits to the Bureau, coverage is not entirely complete

but nevertheless the information gives a good indication of the volume of building activity. For the first three months of this year the number of new dwelling units authorized in Connecticut were 609, 585, and 1,710 for a first quarter total of 2,904. The March figure includes an 832 unit public housing project in Bridgeport. Studies indicate that about two-thirds of the units for which permits are granted result in starts during the month of issuance and by the end of the third subsequent month virtually all are underway. Less than two percent of the units authorized are never built.

Prices have tended to level off during the past twelve months after having risen sharply in the preceding year. During the past year the wholesale commodity index reflected a gradual but steady decline of four points and now stands 15% above the January 1950 base. This is in sharp contrast to the record of the year prior to April 1951 during which the index rose 18 percentage points. The consumers' price index during the past twelve months has inched upward two points whereas in the preceding year it advanced 10 percentage points.



Second Industry-Education Day Held in Stamford-Greenwich

(Continued from page 15)

of the date of May 15. The school officials noted that since the 1951 I-E Day they had had requests from several teachers to visit mercantile firms, and consequently two banks and two retail stores were invited to participate. Fourteen industries agreed to act as hosts to the teachers. For one reason or another, however, one of the banks did not participate and three of the industries also were unable to act as hosts, leaving the following eleven industries and three commercial firms to entertain the teachers on this day. American Cyanamid Company, American Felt Co., Atlantic Plastics, Inc., The Conde Nast Publications, Inc., Electric Specialty Co., Homelite Corporation, Northam Warren Corporation, Pitney-Bowes, Inc., Schick, Inc., Sorensen and Co., Inc., Yale & Towne Mfg. Co., The First Stamford National Bank & Trust Co., C. O. Miller Company, and Sears Roebuck and Company.

Transportation for the majority of the teachers was provided by the Manufacturers' Council, with busses picking up the teachers at their home schools, and transporting them to the Stamford High School. Greenwich teachers used their own transportation to the High School and the Homelite Corporation and American Felt Company arranged

automobile transportation for their guests between the High School and their plants.

The morning was spent inspecting the office and manufacturing operations in the industries, and seeing the behind-the-scenes operations of the department stores and bank. The host companies had the teachers as luncheon guests in company cafeterias or in local restaurants, and then spent the afternoon discussing business operations. Each company scheduled talks by their executives who covered the subjects of general management, production, finance, sales and merchandising, personnel and industrial relations, etc. At each company also a representative of the employees had an opportunity to comment on company activities from the standpoint of the employee. During the day spot tape recordings were made at two of the industries and a department store, and at the end of the day a group of teachers was interviewed. The spot broadcasts and group discussion were broadcast over Radio Station WSTC at 7:30 P. M.

Summing up the day's experiences it can be said that all of the teachers benefited from this experience. Their remarks and those made by representatives of the participating companies showed that the industries, the mercantile organizations and the educators are most anxious to have Industry-Education Day repeated annually, and that this is a very effective tool for teachers to learn about vocational opportunities and the value of subjects being taught as applied to business and industrial operations. Incidentally, last fall, dur-

ing American Education Week, the Stamford and Greenwich schools were hosts to representatives from industry. This two-way program undoubtedly has an important effect in helping to create the harmonious relationships which exist in the Stamford-Greenwich area between business, industry, and the citizens of these two communities.

Industry's Open House

(Continued from page 14)

try in the past 150 years.

Films of local industry were on continuous showing in a special movie theater in the balcony of the Armory, and attracted capacity audiences at all evening performances.

Old Timers Honored

More than fifty of the "Old Timers" of New Haven industry were honored in connection with the exposition program. Entertained at dinner at the New Haven Lawn Club on May 21, the guests were older employees of the firms participating in the exposition.

Length of service of those honored ranged from eight years, in the case of companies more recently formed, to seventy-three years. Speakers for the evening included Harry Kennedy, chairman of the board of Hoggson & Pettis Manufacturing Company, with a record of sixty-five years of service with the firm; and Frank Nicholson of C. Cowles & Company, who has been associated

(Continued on page 56)

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EDITOR'S NOTE: This department, giving a partial list of peace-time products manufactured in Connecticut by company, seeks to facilitate contacts between prospective purchasers in domestic or foreign markets and producers. It includes only those listings ordered by Connecticut producers. Interested buyers may secure further information by writing this department.

(Advertisement)

Accounting Forms Baker-Goodyear Co The New Haven	Automatic Control Instruments Bristol Co The (temperature, pressure, flow, humidity, time) Waterbury	Bends—Pipe or Tube National Pipe Bending Co The 160 River St New Haven
Accounting Machines Underwood Corporation Bridgeport	Automobile Accessories Kilborn-Sauer Company (lights and other accessories) Fairfield	Bent Wood Products Sorensen & Peters Inc Pawcatuck
Adding Machines Underwood Corporation Bridgeport	Automotive Bodies Raybestos Div of Raybestos-Manhattan Inc The (brake lining, rivet brass, clutch facings, packing) Bridgeport	Bicycle Coaster Brakes New Departure Div General Motors Corp Bristol
Advertising Specialties H C Cook Co The 32 Beaver St Ansonia	Automotive Friction Fabrics Metropolitan Body Company Bridgeport	Bicycle Sundries New Departure Div General Motors Corp Bristol
Aero Webbing Products Waterbury Companies Inc Waterbury	Automotive Parts Russell Mfg Co The Middletown	Binders Board Colonial Board Company Manchester
Air Compressors Russell Mfg Co Middletown	Automotive Tools Eis Manufacturing Co (Hydraulic and Mechanical) Middletown	Biological Products Ernst Bischoff Company Inc Ivoryton
Airline Manufacturing Company The Warehouse Point Hartford	Automotive & Service Station Equipment Raybestos Div of Raybestos-Manhattan Inc The (brake service machinery) Bridgeport	Blackening Salts for Metals Ethone Inc New Haven
Air Conditioning Norwalk Airconditioning Corp The (forced air heating units oil fired) South Norwalk	Badges and Metals Waterbury Companies Inc Waterbury	Blades Capewell Manufacturing Company Metal Saw Division (hack saw and band saw) Hartford
Air Impellers The Torrington Manufacturing Co Torrington	Bags—Paper American Paper Goods Company The Kensington	Blankets—Automatic General Electric Company Bridgeport
Aircraft Sikorsky Aircraft Division United Aircraft Corporation (helicopters) Bridgeport	Bakelite Moldings Watertown Mfg Co The Watertown	Bleaching, Dyeing, Printing & Finishing Glasco Finishing Co The Glasco
Aircraft Accessories Chandler Evans Division Niles-Bement-Pond Co (jet engine accessories, aircraft carburetors, fuel pumps, water pumps and Protek plugs) West Hartford	Balls Albott Ball Co The (steel bearing and burnishing) Hartford	United States Finishing Company The (textile fabrics) Norwich
Aircraft Instruments Gorn Electric Company Inc Stamford	Banbury Mixers Farrel-Birmingham Company Inc Ansonia	Blocks Howard Company (cupola fire clay) New Haven
Aircraft—Repair & Overhaul Airport Department Pratt & Whitney Aircraft Division Rentschler Field East Hartford	Barrels Abbott Ball Co The (burnishing and tumbling) Hartford	Blower Fans Colonial Blower Company Plainville
Air Ducts Wiremold Co The (Retractable) Hartford	Barrel-Tumbling Hartford Steel Ball Co The (tumbling) Hartford	Blower Systems Colonial Blower Company Plainville
Air Heaters—Direct Fired Peabody Engineering Corporation Stamford	Bathroom Accessories Autoyre Company The Oakville	Blueprints and Photostats Joseph Merritt & Co Hartford
Aluminum Castings Consolidated Industries Inc West Cheshire	Bath Tubs Dextone Company New Haven	Boilers Bigelow Co The New Haven
Eastern Malleable Iron Company The Naugatuck West Haven	Batteries Bond Electric Corporation Division of Olin Industries Inc (flashlight, radio, hearing aid and others) New Haven	Bolts and Nuts Blake & Johnson Co The (nuts machine screw-bolts, stove) Waterville
Newton-New Haven Co 688 Third Avenue Meriden	Beads and Buttons Waterbury Companies Inc (metal) Waterbury	Bottle Openers Clark Brothers Bolt Co Middale
Charles Parker Company The Meriden	Bearings Fairair Bearing Co (ball) New Britain	O K Tool Co Inc The (T-Slot) 33 Hull St Shelton
Aluminum Forgings Consolidated Industries Inc West Cheshire Scovill Manufacturing Company Waterbury 91	Bellows Bridgeport Thermostat Company Inc (metallic) Bridgeport	Bonderizing Clairglow Mfg Company Portland
Aluminum Ingots Lapides Metals Corp New Haven	Bellows Assemblies Bridgeport Thermostat Company Inc Bridgeport	Box Board Lydall & Foulds Paper Co The Manchester
Aluminum Paint Baer Brothers Stamford	Bells Revin Brothers Mfg Co East Hampton	National Folding Box Co Inc Robertson Paper Box Co Montville
Aluminum Paste Baer Brothers Stamford	Belt Fasteners Bristol Company The Waterbury	Gair Company Inc Robert Montville
Aluminum—Sheets & Coils United Smelting & Aluminum Co Inc New Haven	Belting Hartford Belting Co Hartford	Boxes Airline Manufacturing Company (steel cash, bond, security and small boxes) Warehouse Point
Ammunition Remington Arms Co Inc and Peters Cartridge Div Bridgeport	Belt Assemblies Russell Mfg Co The Middletown	Boxes—Metal Merriam Mfg Co (Bond and Security, Cash and Utility, Personal Files and Drawer Safes) Durham
Winchester Repeating Arms Company Division Olin Industries Inc New Haven	Belting Thames Belting Co The Norwich	Boxes—Paper—Folding Atlantic Carton Corp Norwich
Anodizing Conn Metal Finishing Co Hamden		Bridgeport Paper Box Co Carpenter-Hayes Paper Box Co Inc The East Hampton
Anodizing—Aluminum All Britche Chemical Co (also coloring) Oakville		Folding Cartons Incorporated (paper, folding) Versailles
Anodizing Equipment Conn Metalcraft Inc New Haven		M S Dowd Carton Co National Folding Box Co Inc (paper folding) New Haven
Apparel Fabrics—Woolen & Worsted Broad Brook Company Broad Brook		Robertson Paper Box Co Gair Company Inc Robert Montville
Artificial Leather Permatex Fabrics Corp The Jewett City		Boxes—Paper—Setup Box Shop Inc The New Haven
Asbestos Auburn Manufacturing Company The (gaskets, packings, wicks) Middletown		Bridgeport Paper Box Co Flemingway Corporation The Waterville
Asbestos & Rubber Packing Colt's Manufacturing Company Hartford		Strouse Adler Company The New Haven
Assemblies—Small Greist Manufacturing Co The New Haven		
Has-Dee Spring and Manufacturing Co The (Small) Hartford		
I H Sessions & Son Wallace Barnes Co The Div Associated Spring Corp Bristol		
Auto Cable Housing Wiremold Company The Hartford		

IT'S MADE IN CONNECTICUT

Brake Cables
Eis Manufacturing Co Middletown

Brake Linings
Raybestos Div of Raybestos-Manhattan Inc The (automotive and industrial) Bridgeport
Russell Mfg Co The Middletown

Brake Service Parts
Eis Manufacturing Co Middletown

Brass & Bronze
American Brass Co The (sheet, wire, rods, tubes) Waterbury
Bridgeport Brass Company (sheet, rod, wire and tubing) Bridgeport
Bristol Brass Corp The (sheet, wire, rods) Bristol

Chase Brass & Copper Co Waterbury
Miller Company The (phosphor bronze and brass in sheets, strips, rolls) Meriden
Plume & Atwood Mfg Co The (sheet, wire, rod) Thomaston
Scovill Manufacturing Company Waterbury 91
Tinsheet Metals Co The (sheets and rolls) Waterbury
Western Brass Mills Division of Olin Industries Inc (sheet, strip) New Haven

Brass & Bronze Ingot Metal
Plume & Atwood Mfg Co The Thomaston
Whipple and Choate Company The Bridgeport

Brass, Bronze, Aluminum Castings
Charles Parker Company The Meriden
Victoria Brass Foundry Inc Guilford

Brass Goods
American Brass Company The Waterbury
Plume & Atwood Mfg Co The (to order) Waterbury

Rostand Mfg Co The (Ecclesiastical Brass Wares) Milford
Scovill Manufacturing Company (to order) Waterbury 91
Western Brass Mills Division of Olin Industries Inc (to order) New Haven

Brass Mill Products
American Brass Company The Waterbury
Bridgeport Brass Co The Bridgeport
Chase Brass & Copper Co Waterbury
Plume & Atwood Mfg Co The Thomaston
Scovill Manufacturing Company Waterbury 91
Western Brass Mills Division of Olin Industries Inc New Haven

Brass Scrap
Whipple & Choate Company The Bridgeport

Brick-Building
Donnelly Brick Co The New Britain

Bricks—Fire
Howard Company New Haven
Mullite Refractories Co The Shelton

Bright Wire Goods
Sargent & Company (Screw Eyes, Screw Hooks, Cup Hooks, Hooks and Eyes, C H Hooks) New Haven

Broaching
Hartford Special Machinery Co The Hartford

Bronze Scrap
Whipple & Choate Company The Bridgeport

Bronze Powders
Baer Brothers Stamford

Brooms—Brushes
Fuller Brush Co The Hartford

Buckles
B Schwanda & Sons Staffordville
G E Prentice Mfg Co The Kensington
Hatheway Mfg Co The (Dee Rings) Bridgeport
Hawie Mfg Co The Bridgeport
John M Russell Mfg Co Inc Naugatuck
North & Judd Manufacturing Co New Britain
Patent Button Co The Waterbury

Buffing Compounds
Roberts Rouge Co The Stratford

Buffing & Polishing Compositions
Apothecaries Hall Co Waterbury
Lea Mfg Co Waterbury

Buffing Wheels
Williamsville Buff Div The Bullard Clark Company Danielson

Burners
Plume & Atwood Mfg Co The (kerosene oil lighting) Waterbury

Burners—Automatic
Peabody Engineering Corporation Stamford

Burners—Coal and Oil
Peabody Engineering Corporation (Combined) Stamford

Burners—Gas
Peabody Engineering Corporation (Blast Furnace) Stamford

Burners—Gas and Oil
Peabody Engineering Corporation (Combined) Stamford

Burners—Refinery
Peabody Engineering Corporation (For Gas and Oil) Stamford

Burnishing
Abbott Ball Co The (Burnishing Barrels and Burnishing Media) Hartford

Burs
Pratt & Whitney Div Niles-Bement-Pond Co West Hartford

Buttons
B Schwanda & Sons Staffordville
Frank Parizek Manufacturing Co The West Willington

Patent Button Co The Waterbury
Scovill Manufacturing Company (Uniform and Tack Fasteners) Waterbury 91
Waterbury Companies Inc (Uniform and Fancy Dress) Waterbury

Cabinets
Charles Parker Co The (medicine) Meriden

Cabinet Work
Hartford Builders Finish Co Hartford

Cable—Asbestos Insulated
Rockbestos Products Corp New Haven

Cable—BX Armored
General Electric Company Bridgeport

Cable—Nonmetallic Sheather
General Electric Company Bridgeport

Cable—Service Entrance
General Electric Company Bridgeport

Cages
Andrew B Hendryx Co The (bird and animal) New Haven

Cams
American Cam Company Inc Hartford
Hartford Special Machinery Co The Hartford
Rowbottom Machine Company Inc Waterbury

Canvas Products
F B Skiff Inc Hartford

Capacitors
Electro Motive Mfg Co Inc The (mica & trimmer) Willimantic

Card Clothing
Standard Card Clothing Co The (for textile mills) Stafford Springs

Carpenter's Tools
Sargent & Company (Planes, Squares, Plumb Bobs, Bench Screws, Clamps and Saw Vises) New Haven

Carpet Cushion
Sponge Rubber Products Co Inc Shelton

Carpets and Rugs
Bigelow-Sanford Carpet Co Thompsonville

Casters
Bassick Company The (Industrial and General) Bridgeport

Casters—Industrial
George P Clark Co Windsor Locks

Castings
Bradley & Hubbard Mfg Co The (grey iron, brass, bronze, aluminum) Meriden
Connecticut Foundry Co (grey iron) Rocky Hill
Connecticut Malleable Castings Co (malleable iron castings) New Haven
Consolidated Industries Inc West Cheshire
Charles Parker Company The (grey iron, brass, bronze, aluminum) Meriden
Eastern Malleable Iron Company The (malleable iron, metal and alloy) Naugatuck
Farrel-Birmingham Company Inc (Meehanite, Nodular Iron, Steel) Ansonia
Gillette-Vibber The (grey iron, brass, bronze, aluminum, also Bronze Bushing Stock) New London
Plainville Casting Company (gray, alloy and high tensile irons) Plainville
Revere Corporation of America (precision investment) Wallingford
John M Russell Mfg Co Inc (brass, bronze and aluminum) Naugatuck
Malleable Iron Fittings Co (malleable iron and steel) Branford
McLagon Foundry Co (grey iron) New Haven
Newton-New Haven Co (zinc and aluminum) 688 Third Ave West Haven
Philbrick-Booth & Spencer Inc (grey iron) Hartford

Producto Machine Company The Bridgeport
Scovill Manufacturing Company (Brass & Bronze) Waterbury 91
Sessions Foundry Co The (grey iron) Bristol
Union Mfg Co (grey iron & semi steel) New Britain

Waterbury Foundry Company The (highway & sash weights) Waterbury
Wilcox Crittenden & Co Inc (gray iron and brass) Middletown

Castings—Investment
Arwood Precision Casting Corp Groton

Castings—Permanent Mould
Bradley & Hubbard Mfg Co The (zinc and aluminum) Meriden
Charles Parker Company The Meriden
Cements—Refractory Mullite Refractory Co The Shelton

Chain
John M Russell Mfg Co Inc Naugatuck

Chain—Welded and Weldless
Bridgeport Chain & Mfg Co Bridgeport

Chain—Bead
Bead Chain Mfg Co The Bridgeport
H G H Products Co Inc Shelton

Chairs
The Hitchcock Chair Company Riverton

Chemical Manufacturing
Carwin Company The North Haven

Chemicals
American Cyanamid Company Waterbury
Apothecaries Hall Co Waterbury
Carwin Company The North Haven
Edcan Laboratories South Norwalk
Macalaster Bicknell Company New Haven
MacDermid Incorporated Waterbury
Naugatuck Chemical Division United States Rubber Co Naugatuck
New England Lime Company Canaan
Pfizer & Co Inc Chas Groton

Chemicals—Agriculture
Naugatuck Chemical Division United States Rubber Co (insecticides, fungicides, weed killers) Naugatuck

Chemicals—Aromatic
Naugatuck Chemical Division United States Rubber Co Naugatuck

Chemicals—Rubber
Robert J King Company Inc The Norwalk

Christmas Light Clips
Foursome Manufacturing Company (various sizes and styles) Bristol

Chromium Plating
Chromium Corp of America Waterbury
Chromium Process Company The Shelton
City Plating Works Inc Bridgeport

Chucks
Cushman Chuck Co The Hartford
Union Manufacturing Company New Britain

Chucks & Face Plate Jaws
Union Mfg Co New Britain

Chucks—Power Operated
Cushman Chuck Co The Hartford
Union Manufacturing Company New Britain

Clay
Howard Company (Fire Howard "B" and High Temperature Dry) New Haven

Cleaning Compounds
Enthone Inc (Industrial) New Haven

Cleansing Compounds
MacDermid Incorporated Waterbury

Clock Mechanisms
Lux Clock Mfg Co The Waterbury

Clocks
E Ingraham Co The Bristol
Seth Thomas Clocks Thomaston
United States Time Corporation The Waterbury

Clocks—Alarm
Lux Clock Mfg Co The Waterbury

Clocks—Automatic Cooking
Lux Clock Mfg Co The Waterbury

Clutches
Snow-Nabstedt Gear Corp The New Haven

Clutch Facings
Russell Mfg Co The Middletown

Clutch—Friction
Raybestos Div of Raybestos-Manhattan Inc The clutch facings—molded, woven, fabric, metallic) Bridgeport

Coffee Makers
General Electric Company Bridgeport

Colls—Pipe or Tube
National Pipe Bending Co The 160 River St New Haven
Whitlock Manufacturing Co The Hartford

Coin Tokens
Waterbury Companies Inc Waterbury

Commercial Heat Treating
A F Holden Company The 52 Richard St West Haven

Commercial Truck Bodies
Metropolitan Body Company Bridgeport

Comparators
Pratt & Whitney Div Niles-Bement-Pond Co (Electro-limit and Air-O-Limit) West Hartford

Compressors
Norwalk Company Inc (high pressure air and gas) South Norwalk

Concrete Products
Plastricrete Corp Hamden

Cones
Sonoco Products Co (Climax-Lowell Div) Mystic
(Paper)

Consulting Engineers
Stanley P Rockwell Co Inc The (Consulting) Hartford
296 Homestead Ave
(Advt.)

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IT'S MADE IN CONNECTICUT

Enameling and Finishing
 Clairglow Mfg Co Portland
Enamels
 Baer Brothers Stamford
End Milling Cutters
 Pratt & Whitney Div Niles-Bement-Pond Co West Hartford
Engines
 Pratt & Whitney Aircraft Div United Aircraft Corp (aircraft) East Hartford
 Wolverine Motor Works Inc (diesel stationary marine) Bridgeport
Envelopes
 Curtis 1000 Inc Hartford
 United States Envelope Company Hartford Division Hartford
Envelopes—Stock and Special
 American Paper Goods Company The Kensington
Extractors—Tap
 Walton Company The West Hartford
Eyelets
 American Brass Company The Waterbury
 Platt Bros & Co The P O Box 1030 Waterbury
 Plume & Atwood Mfg Co The Waterbury
 Scovill Manufacturing Company Waterbury 91
Eyelets, Ferrules and Wiring Terminals
 American Brass Company The Waterbury
 Waterbury Companies Inc Waterbury
Eyelet Machine Products
 Ball & Socket Mfg Co The West Cheshire
 American Brass Company The Waterbury
 Waterville Mfg Co The (size 15 machines only) Waterville
Fabricated Alloys
 Rolock Inc (Heat Treating, Finishing) Southport
Fancy Dress Buttons and Buckles
 Waterbury Companies Inc Waterbury
Fans—Electric
 General Electric Company Bridgeport
Fasteners—Slide & Snap
 G E Prentice Mfg Co The Kensington
 Scovill Manufacturing Company (snap and slide fasteners) Waterbury 91
Felt
 Auburn Manufacturing Company The (mechanical, cut parts) Middletown
 Drycor Felt Company (paper makers and industrial) Staffordville
Felt—All Purpose
 American Felt Co (Mill & Cutting Plant) Glenville
 Chas W House & Sons Inc (Mills & Cutting Plant) Unionville
Fenders—Boat
 Sponge Rubber Products Co Inc Shelton
Fibre Board
 Case Brothers Inc Manchester
 C H Norton Co The North Westchester
 Rogers Corporation (Specialty) Manchester
 Stevens Paper Mills Inc The Windsor
Finger Nail Clippers
 H C Cook Co The 32 Beaver St Ansonia
File Cards
 Standard Card Clothing Co The Stafford Springs
Firearms
 Colt's Manufacturing Company Hartford
 Marlin Firearms Co The New Haven
 O F Mosberg & Sons Inc New Haven
 Remington Arms Company Inc Bridgeport
 Winchester Repeating Arms Company Division Olin Industries Inc New Haven
Fire Hose
 Fabrics Fire Hose (municipal and industrial) Sandy Hook
Fireplace Goods
 American Windshield & Specialty Co The Milford
 881 Boston Post Road
 John P Smith Co The (screens) 423-33 Chapel St New Haven
Fireproof Floor Joists
 Dextone Co The New Haven
Fireworks
 M Backes' Sons Inc Wallingford
Fishing Tackle
 Bevin-Wilcox Line Co The (lines) East Hampton
 H C Cook Co The 32 Beaver St Ansonia
 Horton Mfg Co The (reels, rods, lines) Bristol
Flashlights
 Bond Electric Corporation Division of Olin Industries Inc New Haven
 Bridgeport Metal Goods Mfg Co Bridgeport
 Winchester Repeating Arms Company Division Olin Industries Inc New Haven

Flat Springs
 Bristol Spring Manufacturing Co Plainville
Flexible Shaft Machines
 Pratt & Whitney Div Niles-Bement-Pond Co West Hartford
Floor & Ceiling Plates
 Beaton & Cadwell Mfg Co The New Britain
Fluorescent Lighting Equipment
 Vanderman Manufacturing Co The Willimantic
 Wiremold Company The Hartford
Food Mixers—Electric
 General Electric Company Bridgeport
Food Mixing Machines
 Colt's Manufacturing Company Hartford
Forgings
 Clark Brothers Bolt Co Milldale
 Consolidated Industries Inc West Cheshire
 Heppenstall Co (all kinds and shapes) Bridgeport
 Scovill Manufacturing Company (Non-ferrous) Waterbury 91
Foundries
 Connecticut Malleable Castings Co (malleable iron castings) New Haven
 Farrel-Birmingham Company Inc (Iron and Steel) Ansonia
 Charles Parker Company The (iron, brass, bronze, aluminum) Meriden
 Plainville Casting Company (gray, alloy and high tensile iron) Plainville
 Producto Machine Company The Bridgeport
 Sessions Foundry Co The (iron) Bristol
 Union Mfg Co (gray iron & semi steel) New Britain
 Wilcox Crittenden & Co Inc (iron, brass, aluminum and bronze) Middletown
Foundry Riddles
 John P Smith Co The 423-33 Chapel St New Haven
 Rolock Inc (brass, galvanized steel) Fairfield
Fuel Oil Pump and Heater Sets
 Peabody Engineering Corporation Stamford
Furnaces
 Norwalk Airconditioning Corp The (warm air oil fired) South Norwalk
Furnace Linings
 Mullite Refractories Co The (refractories, super refractories) Shelton
Fuses—Plug and Cartridge
 General Electric Company Bridgeport
Gage Blocks
 Fonda Gage Company (Fonda lifetime-carbide and steel) Stamford
 Pratt & Whitney Div Niles-Bement-Pond Co (Alloy steel and Carbide, Hoke and USA) West Hartford
Galvanizing
 Malleable Iron Fittings Co Branford
 Wilcox Crittenden & Co Inc Middletown
Galvanizing & Electrical Plating
 Gillette-Vibber Co The New London
Gaskets
 Auburn Manufacturing Company The (from all materials) Middletown
 Raybestos Div of Raybestos-Manhattan Inc The Bridgeport
 Tsingris Manufacturing & Supply Co Inc (from all materials) Waterbury
Gas Range Conversion Burner
 Holyoke Heater Corp of Conn, Inc Hartford
Gas Scrubbers, Coolers and Absorbers
 Peabody Engineering Corporation Stamford
Gauges
 Bristol Co The (pressure and vacuum—recording automatic control) Waterbury
 Fonda Gage Company (special) Stamford
 Helicoid Gage Division American Chain & Cable Co The (pressure and vacuum) Bridgeport
 Manning Maxwell & Moore Inc Stratford
 Pratt & Whitney Div Niles-Bement-Pond Co (Precision Measurement, all types) West Hartford
Gears and Gear Cutting
 Farrel-Birmingham Company Inc Ansonia
 Hartford Special Machinery Co The Hartford
Glass Blowing
 Macalaster Bicknell Company New Haven
Glass Cutters
 Fletcher-Terry Co The Forestville
Golf Equipment
 Horton Mfg Co The (clubs, shafts, balls, bags) Bristol
Greeting Cards
 A D Steinbach & Sons Inc New Haven

Grinding
 Centerless Grinding Co Inc The (Precision custom grinding; centerless, cylindrical, surfaces, internal and special) Bridgeport
 19 Staples St
 Farrel-Birmingham Company Inc (Roll and Cylindrical) Ansonia
 Hartford Special Machinery Co The (gears, threads, cams and splines) Hartford
Grinding Heads—Internal
 Pratt & Whitney Div Niles-Bement-Pond Co (Pneumatic, High Speed) West Hartford
Grinding Machines
 Farrel-Birmingham Company Inc (Roll) Ansonia
 Pratt & Whitney Div Niles-Bement-Pond Co (Surface, Die, Gear and Cutter Grinders) West Hartford
 Rowbottom Machine Company Inc (cam) Waterbury
Grommets
 American Brass Company The Waterbury
 Plume & Atwood Mfg Co The Waterbury
Hack and Band Saw Blades
 Capewell Manufacturing Co The Hartford
Hand Tools
 Bridgeport Hdwe Mfg Corp The (nail pullers, scout axes, box opening tools, trowels, coping saws, putty knives) Bridgeport
 James J Ryan Tool Works The (screwdrivers, machinists' punches, cold chisels, scratch awls and nail sets) Southington
Hard Chrome
 City Plating Works Inc Bridgeport
Hardness Testers
 Wilson Mechanical Instrument Div American Chain & Cable Company Inc Bridgeport
Hardware
 Bassick Company The (Automotive) Bridgeport
 Harloc Products Corp New Haven
 P & F Corbin Division The American Hardware Corp (builders) New Britain
 Sargent & Company New Haven
 Wilcox Crittenden & Co Inc (marine heavy and industrial) Middletown
 Yale & Towne Manufacturing Company The (builders) Stamford
Hardware—Marine & Bus
 Rostand Mfg Co The Milford
Hardware—Trailer Cabinet
 Excelsior Hardware Co The Stamford
Hardware, Trunk & Luggage
 Corbin Cabinet Lock Div American Hardware Corp New Britain
 J H Sessions & Son Bristol
 Yale & Towne Manufacturing Company The Stamford
Hat Machinery
 Doran Bros Inc Danbury
Health Surgical & Orthopedic Supports
 Berger Brothers Company The (custom made for back, breast, and abdomen) New Haven
Heat Exchangers
 Whitlock Manufacturing Co The Hartford
Heat Elements
 Safeway Heat Elements Inc (woven wire resistance type) Middletown
Heat Treating
 A F Holden Co The 52 Richard St West Haven
 Bennett Metal Treating Co The Elmwood
 1945 New Britain Ave
 New Britain-Gridley Machine Division
 The New Britain Machine Co New Britain
 Stanley P Rockwell Co Inc The Hartford
 296 Homestead Ave
Heat-Treating Equipment
 Bauer & Company Hartford
 A F Holden Company The 52 Richard Street West Haven (Main Plant) Oakville
 Autotype Company The Southport
 Rolock Inc (Baskets, Muffles, etc.) Southport
 Stanley P Rockwell Co Inc The (commercial) Hartford
 296 Homestead Ave
 Wallace Barnes Co The Div Associated Spring Corp Bristol
Heat Treating Salts and Compounds
 A F Holden Company The 52 Richard Street West Haven
 Mitchell-Bradford Chemical Co Bridgeport
Heating Apparatus
 Miller Company The (domestic oil burners and heating devices) Meriden
Heating and Cooling Coils
 G & O Manufacturing Co New Haven
Heavy Chemicals
 Naugatuck Chemical Division United States Rubber Co (sulphuric, nitric and muriatic acids and aniline oil) Naugatuck
Hex-Socket Screws
 Bristol Company The Waterbury
 Holo-Krome Screw Corp The West Hartford
Highway Guard Rail Hardware
 Malleable Iron Fittings Co Branford (Adv.)

IT'S MADE IN CONNECTICUT

Hinges		Laboratory Supplies		Locks—Suitcase	
Homer D Bronson Company	Beacon Falls	Macalaster Bicknell Company	New Haven	Eagle Lock Co The	Terryville
Hobs and Hobbings		Laces		Locks—Suit-Case and Trimmings	
ABA Tool & Die Co	Manchester	Wilcox Lace Corp The	Middletown	Corbin Cabinet Lock Div American Hardware Corp	New Britain
Pratt & Whitney Div Niles-Bement-Pond Co	West Hartford	Laces and Nettings		Excelsior Hardware Co The	Stamford
(Die and Thread Milling)		Wilcox Lace Corporation The	Middletown	Locks—Trunk	
Hoists		Lacquers & Synthetic Enamels		Eagle Lock Co The	Terryville
J-B Engineering Sales Co	New Haven	Atlas Powder Co Zapon Div	Stamford	Yale & Towne Manufacturing Company The	Stamford
Hoists and Trolleys		Baer Brothers	Stamford	Excelsior Hardware Co The	Stamford
Union Mfg Company	New Britain	Chemical Coatings Corporation	Rocky Hill	Yale & Towne Manufacturing Company The (and suitcase)	Stamford
Home Laundry Equipment		Dagmar Chemical Company Inc	Glenbrook	Locks—Zipper	
General Electric Company	Bridgeport	United Chromium Incorporated	Waterbury	Excelsior Hardware Co The	Stamford
Hose—Flexible Metallic		Ladders		Loom—Non-Metallic	
American Brass Co		A W Flint Co	196 Chapel St New Haven	Wiremold Company The	Hartford
American Metal Hose Branch	Waterbury	Lamps		Luggage Fabric	
Hose Supporter Trimmings		Plume & Atwood Mfg Co The (metal oil)	Waterbury	Falls Company The	Norwich
Hawie Mfg Co The (So-Lo Grip Tabs)	Bridgeport	Lamp Shades		Lumber & Millwork Products	
Hospital Signal Systems		Verplex Company The	Essex	City Lumber Co of Bridgeport Inc	Bridgeport
Conn Telephone & Electric Corp Subsidiary of Great American Industries Inc	Meriden	Lathes—Contin-U-Matic		Machete's	
Hot Water Heaters		Bullard Company The (vertical multi-spindle-continuous turning type)	Bridgeport	Collins Company The	Collinsville
Petroleum Heat & Power Co (Instantaneous domestic oil burner)	Stamford	Lathes—30H Man-Au-Trol		Wheeler Company The G E	New Haven
Hydraulic Brake Fluids		Bullard Company The (horizontal 3 spindle)	Bridgeport	Machine Tools	
Eis Manufacturing Co	Middletown	Lathes—Multi-Au-Matic		Bullard Company The	Bridgeport
Hydraulic Controls		Bullard Company The (vertical multi-spindle-indexing type)	Bridgeport	Pratt & Whitney Div Niles-Bement-Pond Co	West Hartford
Sperry Products Inc	Danbury	Lathes—Toolroom and Automatic		Producto Machine Company The	Bridgeport
Industrial Finishes		Pratt & Whitney Div Niles-Bement-Pond Co	West Hartford	Machine Work	
Atlas Powder Co Zapon Div	Stamford	Lathes—Vertical Turret		Farrel-Birmingham Company Inc	Ansonia
Chemical Coatings Corporation	Rocky Hill	Bullard Company The (single spindle)	Bridgeport	Fenn Manufacturing Company The (precision parts)	Hartford
United Chromium Incorporated	Waterbury	Laundry Roll Covers		Hartford Special Machinery Co The (contract work only)	Hartford
Industrial and Masking Tapes		Atlas Powder Co Zapon Div	Stamford	National Sherardizing & Machine Co (job)	Hartford
Seamless Rubber Company The	New Haven	Christie Plating Co The	Groton	Parker Stamp Works Inc The (Special)	Hartford
Industrial Tools—Powder Actuated		Lead Plating		Swan Tool & Machine Co The	Hartford
Remington Arms Company Inc	Bridgeport	Herman Roser & Sons Inc (Genuine Pigskin)	Glastonbury	Torrington Manufacturing Co The (special rolling mill machinery)	Torrington
Infra-Red Equipment		Geo A Shepard & Sons Co The (sheepskin, shoe upper, garment, grain and suede)	Bethel	Machinery	
Leeds Electric and Mfg Co The	Hartford	Leather		Fenn Manufacturing Company The (special)	Hartford
Insecticides		Leather Dog Furnishings		Globe Tapping Machine Company (dial type drilling and tapping)	Bridgeport
American Cyanamid Company	Waterbury	Andrew B Hendryx Co The	New Haven	Hallden Machine Company The (mill)	Thomaston
Darworth Incorporated ("Coracide" DDT Dispenser)	Simsbury	The Smith-Worthington Saddlery Co	Hartford	Torrington Manufacturing Co The (mill)	Torrington
Insecticide Bomb		Leather Goods Trimmings		Machinery—Bolt and Nut	
Bridgeport Brass Company (Aer-a-sol)	Bridgeport	G E Prentice Mfg Co The	Kensington	Waterbury Farrel Foundry & Machine Co The	Waterbury
Insulated Wire & Cable		Leather, Mechanical		Machinery—Cold Heading	
Kerite Company The	Seymour	Auburn Manufacturing Company	The (packings, cups, washers, etc)	Waterbury Farrel Foundry & Machine Co The	Waterbury
Instruments		Letterheads		Machinery Dealers & Rebuilders	
Bristol Company The	Waterbury	Lehman Brothers Inc (designers, engravers, lithographers)	New Haven	Botwinik Brothers	New Haven
J-B-T Instruments Inc (Electrical and Temperature)	New Haven	Lighting Accessories—Fluorescent		J L Lucas and Son	Fairfield
Manning Maxwell & Moore Inc	Stratford	General Electric Company	Norfolk	State Machinery Co Inc	New Haven
Pratt & Whitney Div Niles-Bement-Pond Co (Precision Measuring)	West Hartford	Lights—Trouble		Machinery—Extruding	
Insulation		General Electric Company	Bridgeport	Standard Machinery Co The	Mystic
Gilman Brothers Co The	Gilman	Lighting Equipment		Machinery—Metal-Working	
Inter-Communications Equipment		Miller Co The (Miller, Duplexalite, Ivanhoe)	Meriden	Bristol Metal-Working Equipment	Hartford
Conn Telephone & Electric Corp Subsidiary of Great American Industries Inc	Meriden	United Manufacturing Co	New Haven	Waterbury Farrel Foundry & Machine Co The	Waterbury
Interval Timers		Lime		Pratt & Whitney Div Niles-Bement-Pond Co	West Hartford
Lux Clock Manufacturing Company	Waterbury	New England Lime Company	Canaan	Machinery—Nut	
Rhodes Inc M H	Hartford	Lipstick Containers		Waterbury Farrel Foundry & Machine Co The (forming and tapping)	Waterbury
Ironing Machines—Electric		Bridgeport Metal Goods Mfg Co	Bridgeport	Machinery—Screw and Rivet	
General Electric Company	Bridgeport	Lithographers		Waterbury Farrel Foundry & Machine Co The	Waterbury
Jacquard		O'Toole & Sons Inc T	Stamford	Machinery—Wire Drawing	
Case Brothers Inc	Manchester	Lithographing		Waterbury Farrel Foundry & Machine Co The	Waterbury
Japanning		Kellogg & Bulkeley A Division of Connecticut Printers Inc	Hartford	Machinery—Wire Straightening	
J H Sessions & Son	Bristol	Lehman Brothers Inc	New Haven	Mettler Machine Tool Inc	New Haven
Jig Borer		A D Steinbach & Sons	New Haven	Machines	
Moore Special Tool Co (Moore)	Bridgeport	Locks—Banks		Campbell Machine Div American Chain & Cable Co Inc (cutting & nibbling)	Bridgeport
Pratt & Whitney Div Niles-Bement-Pond Co	West Hartford	Yale & Towne Manufacturing Company The	Stamford	Coulter & McKenzie Machine Co The (special, new development engineering design and construction)	Bridgeport
Jig Grinder		Locks—Builders		Patent Button Company The	Waterbury
Moore Special Tool Co (Moore)	Bridgeport	Eagle Lock Co The	Terryville	Machines—Automatic	
Joining		P & F Corbin Division The American Hardware Corp	New Britain	A H Nilson Mach Co The (Special)	Bridgeport
Raybestos Div of Raybestos-Manhattan Inc The (compressed sheets)	Bridgeport	Sargent & Company	New Haven	Machines—Automatic Chucking	
Keller Machines		Yale & Towne Manufacturing Company The	Stamford	Bullard Company The	Bridgeport
Pratt & Whitney Div Niles-Bement-Pond Co	West Hartford	Locks—Cabinet		New Britain-Gridley Machine Division	New Britain
Key Blanks		Eagle Lock Co The	Terryville	The New Britain Machine Co. (multiple spindle and double end)	New Britain
Corbin Cabinet Lock Div American Hardware Corp	New Britain	Corbin Cabinet Lock Div American Hardware Corp	New Britain	Pratt & Whitney Div Niles-Bement-Pond Co (Potter & Johnson)	West Hartford
Sargent & Company	New Haven	Excelsior Hardware Co The	Stamford	(Adv.)	
Yale & Towne Manufacturing Company The	Stamford	Yale & Towne Manufacturing Company The	Stamford		
Labels		Locks—Special Purpose			
I & J Cash Inc (Woven)	South Norwalk	Eagle Lock Co The	Terryville		
Naugatuck Chemical Division United States Rubber Co (for rubber articles)	Naugatuck	Yale & Towne Manufacturing Company The	Stamford		
Label Moisteners					
Better Packages Inc	Shelton				
Laboratory Equipment					
Eastern Industries Inc	New Haven				

IT'S MADE IN CONNECTICUT

Machines—Automatic Screw		Metal Cleaners		Napper Clothing	
New Britain-Gridley Machine Division	Machine Division	Apothecaries Hall Co	Waterbury	Standard Card Clothing Co The (for textile mills)	Stafford Springs
The New Britain Machine Co (single and multiple spindle)	New Britain	Enthone Inc	New Haven		
Machines—Automatic Shaft Turning		Metal Cleaning Machines		Nettings	
Bullard Company The (30H lathe—horizontal 3 spindle)	Bridgeport	Colt's Manufacturing Company	Hartford	Wilcox Lace Corp The	Middletown
Machines—Brushing		Metal Finishes		Nickel Anodes	
Fuller Brush Co The	Hartford	Enthone Inc	New Haven	Apothecaries Hall Co	Waterbury
Machines—Conveyor		Metal Formings		Nickel Silver	
Bullard Company The (Bullard-Dunn rotary conveyor indexing type)	Bridgeport	Mitchell-Bradford Chemical Co	Bridgeport	Seymour Mfg Co The	Seymour
Machines—Conti-U-Matic		Metalizing		Nickel Silver Ingot	
Bullard Company The (vertical multi-spindle—continuous turning)	Bridgeport	United Chromium Incorporated	Waterbury	American Brass Company The	Waterbury
Machines—Draw Benches		Metal Novelties		Night Latches	
Fenn Manufacturing Company The	Hartford	National Sherardizing & Machine Co	Hartford	Whipple and Choate Company The	Bridgeport
Machines—Drill Spacing		Metal Products—Stampings		Non-Ferrous Scrap Metals	
Bullard Company The (Man-Au-Trol spacer—used in conjunction with radical drills)	Bridgeport	Waterbury Plating Company	Waterbury	Whipple & Choate Company The	Bridgeport
Machines—Drop Hammers		Metal Specialties		Non-Ferrous Metal Castings	
Fenn Manufacturing Company The	Hartford	Excelsior Hardware Co The	Stamford	Miller Company The	Meriden
Machines—Forming		Metal Stampings		Nuts, Bolts and Washers	
A H Nilson Mach Co The (four-slide wire and ribbon stock)	Bridgeport	American Brass Company The	Waterbury	Clark Brothers Bolt Co	Milldale
Machines—Mult-Au-Matic		Metal Stamping		Office Equipment	
Bullard Company The	Bridgeport	Autore Co The (Small)	Oakville	Pitney-Bowes Inc	Stamford
Machines—Paper Ruling		Meters—Gas		Offset Printing	
John McAdams & Sons Inc	Norwalk	Bridgeport Chain & Mfg Co	Bridgeport	Kellogg & Bulkeley A Division of Connecticut Printers Inc	Hartford
Machines—Pipe & Bolt Threading		Meters—Parking		Oil Burners	
Capewell Mfg Co The	Hartford	DooVal Tool & Mfg Inc The	Naugatuck	Malleable Iron Fittings Co (domestic)	Meriden
Machines—Precision Boring		Meters—Measuring		Oil Tanks	
New Britain-Gridley Machine Division	Machine Division	Excelsior Hardware Co The	Stamford	Norwalk Tank Co The (\$50 to 30M gals, underwriters above and under ground)	South Norwalk
The New Britain Machine Co	New Britain	Grest Mfg Co The	503 Blake St New Haven	Whitlock Manufacturing Co The	Hartford
Machines—Rolling		Milk Bottle Carriers		Optical Cores & Ingots	
Fenn Manufacturing Company The	Hartford	H C Cook Co The	32 Beaver St Ansonia	Plume & Atwood Mfg Co The	Thomaston
Machines—Slotting		Millboard		Outlets—Electric	
Globe Tapping Machine Company The (High Production Screw Head Slotting)	Bridgeport	Master Engineering Company	West Cheshire	General Electric Company	Bridgeport
Waterbury Farrel Foundry & Machine Co The (screw head)	Waterbury	J A Otterhein Company The (metal fabrications)	Middletown	Ovens—Electric	
Machines—Special		Millwork		Package Sealers	
Fuller Brush Co The	Hartford	J H Sessions & Son	Bristol	Bauer & Company	Hartford
Machines—Swaging		Mill Supplies		Packaging	
Fenn Manufacturing Company The	Hartford	Patent Button Co The	Waterbury	Better Packages Inc	Shelton
Machines—Thread Rolling		Minute Minders		Packaging Machinery	
Hartford Special Machinery Co The	Hartford	G E Prentice Mfg Co The	Kensington	Local Industries Inc (merchandising displays and packaging in wood)	Lakeville
Waterbury Farrel Foundry & Machine Co The	Waterbury	Plume & Atwood Mfg Co The	Waterbury	Packing	
Machines—Turks Head		Mirror Rosettes and Hangers		Pads—Office	
Fenn Manufacturing Company The	Hartford	Stanley Works The	New Britain	The Baker Goodyear Company	New Haven
Machines—Well Drilling		Mixing Equipment		Padlocks	
Consolidated Industries	West Cheshire	Swan Tool & Machine Co The	Hartford	Corbin Cabinet Lock Div American Hardware Corp	New Britain
Machines—Wire Drawing		Molds		Paper Boxes	
Fenn Manufacturing Company The	Hartford	Verplex Company The (Contract)	Essex	Sargent & Company	New Haven
Mail Boxes		Mouldings		Paints	
Airline Manufacturing Company The	Warehouse Point	Waterbury Lock & Specialty Co The	Milford	Yale & Towne Manufacturing Company The	Stamford
Mail Boxes, Apartment & Residential		Moulds		Pants	
Corbin Cabinet Lock Div American Hardware Corp	New Britain	ABA Tool & Die Co	Manchester	Moore Special Tool Co (crush wheel dresser)	Bridgeport
Mailing Machines		Moulds		Paperboard	
Pitney-Bowes Inc	Stamford	Hoggson & Pettis Mfg Co The (steel)	New Haven	Gair Company Inc Robert	Montville
Manicure Instruments		Moulds		Paper Boxes	
W E Bassett Company The	Derby	Lundberg Engineering Company	Hartford	Atlantic Carton Corp (folding)	Norwich
Manganese Bronze Ingot		Moulds		Paints and Enamels	
Whipple and Choate Company	Bridgeport	Lundberg Engineering Company	Hartford	Staminate Corp The	New Haven
Marine Engines		Moulds		Pants	
Kilborn-Sauer Company (running lights and searchlights)	Fairfield	Parker Stamp Works Inc The (steel)	Hartford	Moore Special Tool Co (crush wheel dresser)	Bridgeport
Marine Equipment		Moulds		Paperboard	
Lathrop Engine Co The	Mystic	Sessions Foundry Co The (heat resisting for non-ferrous metals)	Bristol	Robertson Paper Box Co	Montville
Marine Reserve Gears		Moulds		Paper Boxes	
Wilcox Crittenden & Co Inc	Middletown	Moulds		Paper Boxes	
Marking Devices		Moulds		Paper Boxes	
Snow-Nabstedt Gear Corp The	New Haven	Moulds		Paper Boxes	
Matrices		Moulds		Paper Boxes	
Hoggson & Pettis Mfg Co The	New Haven	Moulds		Paper Boxes	
Mattresses		Moulds		Paper Boxes	
Parker Stamp Works Inc The	Hartford	Moulds		Paper Boxes	
Mechanics Hand Tool		Moulds		Paper Boxes	
W T Barnum & Co Inc	New Haven	Moulds		Paper Boxes	
Metal Boxes and Displays		Moulds		Paper Boxes	
Waterbury Mattress Co	Waterbury	Moulds		Paper Boxes	
Metal Boxes and Displays		Moulds		Paper Boxes	
Durham Manufacturing Company The	Durham	Moulds		Paper Boxes	
Metal Boxes and Displays		Moulds		Paper Boxes	
Merriam Mfg Co (Bond, Security, Cash, Utility, Personal Files, Drawer Safes, Custombuilt containers and displays)	Durham	Moulds		Paper Boxes	

IT'S MADE IN CONNECTICUT

Paper Boxes—Folding and Setup
Bridgeport Paper Box Company Bridgeport
M Backes' Sons Inc Wallingford

Paper Clips
H C Cook Co The (steel) 32 Beaver St Ansonia

Paper Mill Machinery
Farrel-Birmingham Company Inc Ansonia

Paper Tubes and Cores
Sonoco Products Co (Climax-Lowell) Div Mystic

Parallel Tubes
Sonoco Products Co (Climax-Lowell Div) Mystic

Parkerizing
Clairglow Mfg Company Portland

Parking Meters
Rhodes Inc M H Hartford

Passenger Car Sander
Conn Telephone & Electric Corp Subsidiary of Great American Industries Inc Meriden

Pattern-Makers
Farrel-Birmingham Company Inc Ansonia

Penlights
Bridgeport Metal Goods Mfg Co Bridgeport

Pet Furnishings
Andrew B Hendrix Co The New Haven

Pharmaceutical Specialties
Ernst Bischoff Company Inc Ivoryton

Phosphor Bronze
American Brass Company The Waterbury
Miller Company The (sheets, strips, rolls)

Seymour Mfg Co The Meriden
Waterbury Rolling Mills Inc (sheets, strips, rolls) Waterbury
Western Brass Mills Division of Olin Industries Inc (sheet, strip) New Haven

Phosphor Bronze Ingots
Whipple and Choate Company The Bridgeport

Photographic Equipment
Kalart Company Inc Plainville

Piano Repairs
Pratt Read & Co Inc (keys and action) Ivoryton

Piano Supplies
Pratt Read & Co (keys and actions, backs, plates) Ivoryton

Pile Fabrics
Sidney Blumenthal & Co Inc (For furniture, automobiles, railroads, women's wear, toys) Shelton

Pin Up Lamps
Verplex Company The Essex

Pipe
American Brass Co The (brass and copper) Waterbury

Pipe Fittings
Bridgeport Brass Co (brass and copper) Bridgeport

Chas Brass & Copper Co (red brass and copper)
Crane Company (fabricated) Bridgeport

Howard Co (cement well and chimney)
New Haven

Pipe Fitters' Hand Tools & Machines
Capewell Mfg Co The Hartford

Pipe Fittings
Corley Co Inc Plainville

Malleable Iron Fittings Co
Holo-Krome Screw Corporation The (counter-sunk) West Hartford

Pipe Plugs—Socketed
Holo-Krome Screw Corp The West Hartford

Plastics
Naugatuck Chemical Division United States Rubber Co Naugatuck

Sponge Rubber Products Co Inc (expanded cellular)
Shelton

Plastic Buttons
Frank Parizek Manufacturing Co The West Willington

Patent Button Co The
Waterbury

Plastic Gems
Colt's Manufacturing Company Hartford

Plastics Machinery
Farrel-Birmingham Company Inc Ansonia

Plastic—Moulders
Colt's Manufacturing Company Hartford

Conn Plastics
General Electric Company Meriden

Geo S Scott Mfg Co The
Waterbury Companies Inc Wallingford

Watertown Mfg Co The
Watertown

Plastics—Moulds & Dies
Parker Stamp Works Inc The (for plastics) Hamden

Plasticrete Corp
Plasticrete Bloc Bridgeport

Plates—Switch
General Electric Company Bridgeport

Platers
American Metal Products Company Inc Bridgeport

Christie Plating Co
City Plating Works Groton

Patent Button Co The
Waterbury Plating Company Bridgeport

Chromium Process Company The
Plating only) Waterbury

Platers' Equipment
Apothecaries Hall Company New Haven

Conn Metalcraft Inc
Lea Manufacturing Co The Waterbury

Plumbers' Metal
Plume & Atwood Mfg Co The Thomaston

Christie Plating Co The (including lead plating)
Conn Metal Finishing Co Groton

Plating Processes and Supplies
Enthone Inc New Haven

United Chromium Incorporated
Bridgeport Brass Co The (special bends) Bridgeport

Keeney Mfg Co The
Scovill Manufacturing Company Waterbury 48

Plumbing Specialties
John M Russell Mfg Co Inc Naugatuck

Pole Line Hardware
Malleable Iron Fittings Co Branford

Police Equipment
The Smith-Worthington Saddlery Co Hartford

Polishing Wheels
Williamsville Buff Div The Bullard Clark Company Danielson

Poly Chokes
Poly Choke Company The (a shotgun choking device) Tariffville

Postage Meters
Pitney-Bowes Inc Stamford

Power Presses
Fenn Manufacturing Company The Hartford

Powered Metal Products
American Sintered Alloys Inc Bethel

Waterbury Companies Inc
City Lumber of Bridgeport Inc The Bridgeport

Prefabricated Buildings
Waterbury Companies Inc Waterbury

Preservatives—Wood, Rope, Fabric
Darworth Incorporated ("Cuprinol") Simsbury

Press Papers
Case Brothers Inc Manchester

Presses
Farrel-Birmingham Company Inc (Hydraulic) Ansonia

Henry & Wright Division of Embart Manufacturing Co (automatic mechanical)
Hartford

Presses—Molding
Standard Machinery Co The (compression and transfer molding, automatic and semi-automatic) Mystic

Presses—Power
Waterbury Farrel Foundry & Machine Co The Waterbury

Pressure Vessels
Norwalk Tank Co Inc The (unfired to ASME Code Par U 69-70) South Norwalk

Whitlock Manufacturing Co The
Printing

Case Lockwood & Brainard A Division of Connecticut Printers Inc
Finlay Brothers Hartford

Heminway Corporation The
Hunter Press Hartford

Lehman Brothers Inc
Taylor & Greenough Co The New Haven

T B Simonds Inc
A D Steinbach & Sons Wethersfield

The Walker-Rackliff Company
Banthin Engineering Co (automatic) Bridgeport

Printing Machinery
Thomas W Hall Company Stamford

Printing Rollers
Chambers-Storck Company Inc The (engraved) Norwich

Production Control Equipment
United Cinephone Corporation Torrington

Wassell Organization (Produc-Trol)
Westport

Production Welding
Consolidated Industries West Cheshire

Profilers
Pratt & Whitney Div Niles-Bement-Pond Co West Hartford

Propellers—Aircraft
Hamilton Standard Propellers Div United Aircraft Corp East Hartford

Publishers
O'Toole & Sons Inc T Stamford

Pumps
Yale & Towne Manufacturing Company The (Tri-rotor) Stamford

Pumps—Small Industrial
Eastern Industries Inc New Haven

Pump Valves
Colt's Manufacturing Company Hartford

Punches
Hoggson & Pettis Mfg Co The (ticket & cloth) 141 Brewery St New Haven

Putty Softeners—Electrical
Fletcher Terry Co The Box 415 Forestville

Pyrometers
Bristol Co The (recording and controlling) Waterbury

Radiation—Baseboard Convectors
Hoff Manufacturing Company Bethany

Radiation-Finned Copper
Bush Manufacturing Co West Hartford

G & O Manufacturing Company The
Vulcan Radiator Co The (steel and copper) Hartford

Radiators—Engine Cooling
G & O Manufacturing Co New Haven

Radio and Television Components
General Electric Company Bridgeport

Radio Receivers
General Electric Company Bridgeport

Rayon Specialties
Hartford Rayon Corporation The Rocky Hill

Rayon Yarns
Hartford Rayon Corporation The Rocky Hill

Reamers
O K Tool Co Inc The (inserted tooth) Shelton

33 Hull St
Pratt & Whitney Div Niles-Bement-Pond Co (All types) West Hartford

Recorders
Bristol Co The (automatic controllers, temperature, pressure, flow, humidity) Waterbury

Reduction Gears
Farrel-Birmingham Company Inc Ansonia

Snow-Nabstedt Gear Corp The
Howard Company New Haven

Refractories
Mullite Refractories Company The Shelton

Refrigeration
Bowser Technical Refrigeration Div Bowser Inc (high altitude, low temperature) Terryville

Regulators
Norwalk Valve Company (for gas and air) South Norwalk

Sorensen & Company Inc
Resistance Wire Stamford

C O Jelliff Mfg Co The (nickel chromium, copper nickel iron chromium, aluminum)
Southport

Kanthal Corporation The (Kanthal A-1, A, D, DS)
Stamford

Respirators
American Optical Company Safety Division Putnam

Retainers
Hartford Steel Ball Co The (bicycle & automotive) Hartford

Riveting Machines
Grant Mfg & Machine Co The Bridgeport

H P Townsend Manufacturing Co The
I-R Mfg Div of The Ripley Co Elmwood

Raybestos Div of Raybestos-Manhattan Inc The (brake service equipment)
Bridgeport

Rivets
Blake & Johnson Co The (brass, copper and non-ferrous) Waterville

Clark Brothers Bolt Co
Connecticut Manufacturing Company The Middletown

Plume & Atwood Mfg Co The
I H Sessions & Sons Bristol

Raybestos Div of Raybestos-Manhattan Inc The (brass and aluminum tubular and solid copper)
Bridgeport

Raybestos Div of Raybestos-Manhattan Inc The (iron)
Bridgeport

(Adv.)

I T ' S M A D E I N C O N N E C T I C U T

Roasters—Electric General Electric Company Bridgeport	Screw Machines H P Townsend Mfg Company The Elmwood	Signals H C Cook Co The (for card files) 32 Beaver St Ansonia
Rods American Brass Company The (copper, brass, bronze) Waterbury Bristol Brass Corp The (brass and bronze) Bristol Waterbury 91	Screw Machine Accessories Barnaby Manufacturing and Tool Company Bridgeport	Silk Screening on Metal Merriam Mfg Co (Displays and Specialties, to order) Durham
Roller Skates Winchester Repeating Arms Company Division Olin Industries Inc New Haven	Screw Machine Products Apex Tool Co Inc The Bridgeport Blake & Johnson Co The Waterville Centerless Grinding Co Inc The (Heat treated and ground type only) Bridgeport Connecticut Manufacturing Company The Waterbury	Sizing and Finishing Compounds American Cyanamid Company Waterbury
Rolling Mills and Equipment Farrel-Birmingham Company Inc Ansonia Waterbury Farrel Foundry & Machine Co The Waterbury	Consolidated Industries West Cheshire Eastern Machine Screw Corp The New Haven Truman & Barclay Sls Winsted Fairchild Screw Products Inc Hartford Franklin Screw Machine Co The (up to 1½" capacity) Hartford Greist Mfg Co The (Up to 1½" capacity) New Haven	Solder—Soft Torrey S Crane Company Plantville
Rolls Farrel-Birmingham Company Inc (Chilled and Alloy Iron, Steel) Ansonia	Humason Mfg Co The Forestville Lowe Mfg Co The Wethersfield National Automatic Products Company The Berlin	Soap J B Williams Co The (Industrial soaps, toilet soaps, shaving soaps) Glastonbury
Rope Wire American Steel & Wire Div of U S Steel New Haven	Nelson's Screw Machine Products Plantville New Britain Machine Company The New Britain Olson Brothers Company (up to ¾" capacity) Plainville	Solder—Soft Torrey S Crane Company Plantville
Rubber Chemicals Naugatuck Chemical Division United States Rubber Co Naugatuck Stamford Rubber Supply Co The ("Factice") Stamford Vulcanized Vegetable Oils)	Olson Brothers Company (up to ¾" capacity) Plainville Olson & Sons R P Southington Peck Spring Co The Plainville Plume & Atwood Mfg Co The Waterbury Scovill Manufacturing Company Waterbury 91 Wallace Metal Products Co Inc New Haven Waterbury Machine Tools & Products Co (Brown & Sharpe and Davenport) Waterbury Waterville Mfg Co The Waterville	Special Machinery Farrel-Birmingham Company Inc Ansonia Henry & Wright Division of Embart Manufacturing Co Hartford H P Townsend Mfg Company The Elmwood Lundeberg Engineering Company Hartford National Sheradizing & Machine Co (mandrels & stock shells for rubber industry) Hartford
Rubber—Cellular Sponge Rubber Products Co Inc Shelton	Screw Machine Tools American Cam Company Inc (Circular Form Tools) Hartford Pratt & Whitney Div Niles-Bement-Pond Co (Reamers, Taps, Dies, Blades and Knurls) West Hartford Somma Tool Co (precision circular form tools) Waterbury	Special Parts Greist Mfg Co The (small machines, especially precision stampings) New Haven J H Sessions & Son Bristol
Rubberized Fabrics Duro-Gloss Rubber Co The New Haven	Screws American Screw Company Willimantic Atlantic Screw Works (wood) Hartford Blake & Johnson Co The (machine and wood) Waterville	Special Industrial Locking Devices Corbin Cabinet Lock Div American Hardware Corp New Britain
Rubber Footwear Goodyear Rubber Co The Middletown United States Rubber Company (Keds, Keds, Gaytees, U S Royal Footwear) Nugatuck	Bristol Company The (socket set and socket cap screws) Waterbury Clark Brothers Bolt Co Middale Connecticut Mfg Co The (machine) Waterbury Eagle Lock Co The Terryville Holo-Krome Screw Corporation The (socket set and socket cap) West Hartford Scovill Manufacturing Company Waterbury 91 Superior Manufacturing Co The Winsted	Special Tools & Dies Lundeberg Engineering Company Hartford
Rubber Gloves Seamless Rubber Company The New Haven	Screws—Sockets Allen Manufacturing Company The Hartford Holo-Krome Screw Corp The West Hartford	Spinnings American Metal Products Company Inc Bridgeport
Rubber Heels Danbury Rubber Co Inc The Danbury	Sealing Tape Machines Better Packages Inc Shelton	Sponge Rubber Sponge Rubber Products Co The Shelton United States Rubber Company Naugatuck Spray Painting Equipment and Supplies Co The Waterbury
Rubber Latex Compounds and Dispersions Naugatuck Chemical Division United States Rubber Co (cooking, impregnating and adhesive compounds) Naugatuck	Sewing Machines Greist Mfg Co The (Sewing Machine attachments) 503 Blake St New Haven Merrow Machine Co The (Industrial) Hartford Singer Manufacturing Company The (industrial) Bridgeport	Spring Coiling Machines Bowden Engineering Co (Torsion) Bristol Torrington Manufacturing Co The Torrington
Rubber Mill Machinery Farrel-Birmingham Company Inc Ansonia	Shaving Soaps J B Williams Co The Glastonbury	Spring Units Owen Silent Spring Division American Chain & Cable Company Inc Bridgeport
Rubber Products, Mechanical Auburn Manufacturing Company The (washers, gaskets, molded parts) Middletown Canfield Co The H O Bridgeport	Shears Acme Shear Co The (household) Bridgeport	Spring Washers Wallace Barnes Co The Div Associated Spring Corp Bristol
Rubber—Reclaimed Naugatuck Chemical Division United States Rubber Co Naugatuck	Shells Wolcott Tool and Manufacturing Company Inc Waterbury	Springs—Coil & Flat Bristol Spring Manufacturing Co Plainville Foursome Manufacturing Company Bristol Han-Dee Spring and Manufacturing Co The (Coil and Flat) Hartford Humason Mfg Co The Forestville Newcomb Spring Corp The Bridgeport Division Bridgeport New England Spring Manufacturing Company Unionville Peck Spring Co The Plainville Wallace Barnes Co The Div Associated Spring Corp Bristol
Rubber Soles Danbury Rubber Co Inc The Danbury	Sheet Metal Products Airline Manufacturing Company The Warehouse Point American Brass Co The (brass and copper) Waterbury	Springs—Flat Bristol Spring Manufacturing Co Plainville Foursome Manufacturing Company Bristol Wallace Barnes Co The Div Associated Spring Corp Bristol New England Spring Manufacturing Company Unionville
Rubber Tile Danbury Rubber Co Inc The Danbury	Merriam Mfg Co (security boxes, fitted tool boxes, tackle boxes, displays) Durham Plume & Atwood Mfg Co The Waterbury United Advertising Corp Manufacturing Division (Job and Production Runs) New Haven	Springs—Wire Bristol Spring Manufacturing Co Plainville Colonial Spring Corporation The Hartford Connecticut Spring Corporation The (compression, extension, torsion) Hartford D R Templeman Co (coil and torsion) Plainville Foursome Manufacturing Company Bristol J W Bernston Company (coil and torsion) Unionville
Rubbish Burners John P Smith Co The 423-33 Chapel St New Haven	Sheet Metal Stampings American Brass Company The Waterbury American Buckle Co The West Haven DooVal Tool & Mfg Inc The Naugatuck J H Sessions & Son Bristol Patent Button Co The Waterbury Plume & Atwood Mfg Co The Waterbury	Newcomb Spring Corp The Bridgeport Division Bridgeport New England Spring Mfg Co Bristol Wallace Barnes Co The Div Associated Spring Corp Bristol
Saddlery The Smith-Worthington Saddlery Co Hartford	Shipment Sealers Better Packages Inc Shelton	Springs, Wire & Flat Autoyre Company The Oakville
Safety Clothing American Optical Company Safety Division Putnam	Showcase Lighting Equipment Wiremold Company The Hartford	Stamped Metal Products American Brass Company The Waterbury Waterbury Companies Inc Waterbury (Adv.)
Safety Fuses Ensign-Bickford Co The (mining & detonating) Simsbury		
Safety Gloves and Mittens American Optical Company Safety Division Putnam		
Safety Goggles American Optical Company Safety Division Putnam		
Sandwich Grills—Electric General Electric Company Bridgeport		
Saw Blades—Hack Capewell Mfg Co The Hartford		
Saws—Metal & Wood Cutting Band Capewell Mfg Co The Hartford		
Saws, Band, Metal Cutting Atlantic Saw Mfg Co New Haven		
Scales—Industrial Dial Kron Company The Bridgeport		
Scissors Acme Shear Company The Bridgeport		
Screens Hartford Wire Works Co The (Windows, Doors and Porches) Hartford		
Screw Caps Weimann Bros Mfg Co The (small for bottles) Derby		

I T ' S M A D E I N C O N N E C T I C U T

Stamps		Tape		Tool Chests	
Hoggson & Pettis Mfg Co The (steel)	New Haven	Russell Mfg Co The	Middletown	Vanderman Manufacturing Co The	Willimantic
141 Brewery St		Tape Recorders		Tools & Dies	
Parker Stamp Works Inc The (steel)	Hartford	Conn Telephone & Electric Corp Subsidiary of		Moore Special Tool Co	Bridgeport
Stampings		Great American Industries Inc	Meriden	Swan Tool & Machine Co The	Hartford
American Metal Products Company Inc	Bridgeport	Tape Recorder Magazines		Tools, Dies & Fixtures	
Donahue Mfg Co Inc	Watertown	Conn Telephone & Electric Corp Subsidiary of		Fonda Gage Company (also jigs)	Stamford
DooVal Tool & Mfg Inc The	Naugatuck	Great American Industries Inc	Meriden	Greist Mfg Co The	New Haven
Han-Dee Spring and Manufacturing Co The	Hartford	Tap Extractors		Tools, Hand & Mechanical	
(small)		Walton Company The	West Hartford	Bridgeport Hardware Mfg Corp The (screw	
Plume & Atwood Mfg Co The (small)	Waterbury	Pratt & Whitney Div Niles-Bement-Pond Co	West Hartford	drivers, nail pullers, box tools, wrenches, auto	
Stampings—Small		Taps		tools, forgings & specialties)	Bridgeport
Acme Shear Co The	Bridgeport	Tarred Lines		Tools—Pipe Fitters' Hand	
American Metal Products Company Inc	Bridgeport	Brownell & Co Inc	Moodus	Capewell Mfg Co The	Hartford
Bristol Spring Manufacturing Co	Bridgeport	Telemetering Instruments		Toys	
Foursome Manufacturing Co The	New Haven	Bristol Co The	Waterbury	A C Gilbert Company	New Haven
Greist Manufacturing Co The	New Haven	Telephone Answering & Recording Machines		Geo S Scott Mfg Co The	Wallingford
Master Engineering Company	West Cheshire	Conn Telephone & Electric Corp Subsidiary of		Gong Bell Co The	East Hampton
Rogers Corporation (Fibre Cellulose Paper)	Manchester	Great American Industries Inc	Meriden	N N Hill Brass Co The	East Hampton
Wallace Barnes Co The Div Associated Spring	Bristol	Television Receivers		Waterbury Companies Inc	Waterbury
Corp		General Electric Company	Bridgeport	Tramways	
Stationery Specialties		Testers—Non-Destructive		American Steel & Wire Div of U S Steel	New Haven
American Brass Company The	Waterbury	Sperry Products Inc	Danbury	Trucks—Commercial	
Steel		Textile Machinery		Metropolitan Body Company (International	
Stanley Works The (hot and cold rolled strip)	New Britain	Marrow Machine Co The	Hartford	Harvester truck chassis and "Metro"	Bridgeport
Steel Castings		2814 Laurel St		Trucks—Industrial	
Farrel-Birmingham Company Inc	Ansonia	Textile Mill Supplies		George P Clark Co	Windsor Locks
Hartford Electric Steel Co The (carbon and		Ernst Bischoff Company Inc	Ivoryton	Trucks—Lift	
alloy steel)		Textile Processors		Excelsior Hardware Co The	Stamford
540 Flatbush Ave	Hartford	American Dyeing Corporation (rayon, acetate)		George P Clark Co	Windsor Locks
Malleable Iron Fittings Co	Branford	Rockville		Trucks—Skid Platforms	
Nutmeg Crucible Steel Co	Branford	Aspinook Corp The (cotton)	Jewett City	Excelsior Hardware Co The (lift)	Stamford
Steel—Cold Rolled Spring		Thermometers		Tube Bending	
Wallace Barnes Co The Div Associated Spring	Bristol	Bristol Co The (recording and automatic control)	Waterbury	Donahue Mfg Co Inc	Watertown
Corp		Manning Maxwell & Moore Inc	Stratford	Tube Clips	
Steel—Cold Rolled Stainless		Thermostats		H C Cook Co The (for collapsible tubes)	Ansonia
Wallingford Steel Company	Wallingford	Bridgeport Thermostat Company Inc (auto-	Bridgeport	32 Beaver St	Derby
Steel—Cold Rolled Strip and Sheets		matic)		Weimann Bros Mfg Co The (for collapsible	
American Steel & Wire Div of U S Steel	New Haven	Thin Gauge Metals		tubes)	
Detroit Steel Corporation	New Haven	Plume & Atwood Mfg Co The	Thomaston	Tube Fittings	
Wallingford Steel Company	Wallingford	Thinsheet Metals Co The (plain or tinned in	Waterbury	Scovill Mfg Co ("Uniflare")	Waterbury
Steel Goods		rolls)		Tubers	
Merriam Mfg Co (sheets products to order)	Durham	Thread		Standard Machinery Co The (tubers for both	Mystic
Steel Rolling Rules		American Thread Co The	Willimantic	rubber and plastic industries)	
Waterbury Lock & Specialty Co The	Milford	Belding Heminway Corticelli	Putnam	Tubes—Collapsible Metal	
Steel Strapping		Gardner Hall Jr Co The (cotton sewing)		Sheffield Tube Corp The	New London
Stanley Works The	New Britain	Max Pollack & Co Inc Groton and Willimantic		Tubing	
Stereotypes		Wm Johl Manufacturing Co	Mystic	American Brass Co The (brass and copper)	Waterbury
W T Barnum & Co Inc	New Haven	Thread Gages		Bridgeport Brass Company (brass and cop-	Bridgeport
New Haven Electrotype Div	New Haven	Pratt & Whitney Div Niles-Bement-Pond Co	West Hartford	per)	
Corp		West Hartford		G & O Manufacturing Co (finned)	New Haven
Stop Clocks, Electric		Thread Milling Machines		Scovill Manufacturing Company (Brass and	Waterbury 91
H C Thompson Clock Co The	Bristol	Pratt & Whitney Div Niles-Bement-Pond Co	West Hartford	Tubing—Flexible Metallic	
Straps, Leather		Thread Rolling Machinery		American Brass Co Metal Hose	Waterbury
Auburn Manufacturing Company The (textile,		Hartford Special Machinery Co The	Hartford	Tubing—Heat Exchanger	
industrial, skate, carriage)	Middletown	Threading Machines		American Brass Company The	Waterbury
Studio Couches		Grant Mfg & Machine Co The (double and	Bridgeport	Scovill Manufacturing Company	Waterbury 91
Waterbury Mattress Co	Waterbury	automatic)		Typewriters	
Super Refractories		Time Recorders		Royal Typewriter Co Inc	Hartford
Mullite Refractories Company The	Shelton	Stromberg Time Corp	Thomaston	Underwood Corporation	Hartford
Surface Metal Raceways & Fittings		Timers, Interval		Typewriters—Portable	
Wiremold Company The	Hartford	A W Haydon Co The	Waterbury	Underwood Corporation	Hartford
Surgical Dressings		H C Thompson Clock Co The	Bristol	Typewriter Ribbons and Supplies	
Acme Cotton Products Co Inc	East Killingly	R W Cramer Company Inc The	Centerbrook	Underwood Corporation	Hartford and Bridgeport
Seamless Rubber Company The	New Haven	Rhodes Inc M H	Hartford	Underclearer Rolls	
Surgical Rubber Goods		Timing Devices		Sonoco Products Co (Climax-Lowell Div)	Mystic
Seamless Rubber Company The	New Haven	A W Haydon Co The	Waterbury	Upholstering Fabrics—Woolen & Worsted	
Switches—Electric		Lux Clock Manufacturing Company	Waterbury	Broad Brook Company (automobile, airplane,	Broad Brook
General Electric Company	Bridgeport	Rhodes Inc M H	Hartford	railroad)	(Advt.)
Swaging Machinery		Seth Thomas Clocks	Thomaston		
Hartford Special Machinery Co The	Hartford	United States Time Corporation The	Waterbury		
Switchboards		Timing Devices & Time Switches			
Plainville Electrical Products Company	Plainville	A W Haydon Co The	Waterbury		
Switchboards Wire and Cables		Lux Clock Manufacturing Company	Waterbury		
Rockbestos Products Corp (asbestos insulated)	New Haven	M H Rhodes Inc	Hartford		
Synchronous Motors		Timing Mechanisms			
R W Cramer Company Inc The	Centerbrook	Gilbert Clock Corp The William L	Winsted		
Tanks		Tinning			
Bigelow Company The (steel)	New Haven	Thinsheet Metals Co The (non-ferrous metals			
Storts Welding Company (steel and alloy)	Meriden	in rolls)	Waterbury		
		Wilcox Crittenden & Co Inc	Middletown		
		Tools			
		Hoggson & Pettis Mfg Co The (rubber workers)			
		141 Brewery St	New Haven		
		O K Tool Co Inc The (inserted tooth metal			
		cutting)	33 Hull St Shelton		

IT'S MADE IN CONNECTICUT

Vacuum Bottles and Containers

American Thermos Bottle Co Norwich

Vacuum Cleaners

Electrolux Corporation Old Greenwich
Spencer Turbine Co The Hartford

Valves

Norwalk Valve Company (sensitive check valves) South Norwalk

Valve Discs

Colt's Manufacturing Company Hartford

Valves—Automobile Tire

Bridgeport Brass Company Bridgeport

Valves—Radiator Air

Bridgeport Brass Company Bridgeport

Valves—Relief & Control

Beaton & Cadwell Mfg Co New Britain

Valves—Safety & Relief

Manning Maxwell & Moore Inc Stratford

Vanity Boxes

Bridgeport Metal Goods Mfg Co Bridgeport

Varnishes

Baer Brothers Stamford
Staminit Corp The New Haven

Velvets

American Velvet Co (owned and operated by A Wimpfheimer & Bro Inc) Stonington
Leiss Velvet Mfg Co Inc The Willimantic
Velvet Textile Corporation The (velveteen) West Haven

Venetian Blinds

Findell Manufacturing Company Manchester
New England Shade & Blind Co Inc Durham

Ventilating Systems

Colonial Blower Company Plainville

Vertical Shapers

Pratt & Whitney Div Niles-Bement-Pond Co West Hartford

Vibrators—Pneumatic

New Haven Vibrator Company (industrial) New Haven

Vises

Charles Parker Co The Meriden
Fenn Manufacturing Company The (Quick-Action Vises) Hartford
Vanderman Manufacturing Co The (Combination Bench Pipe) Willimantic

Waffle Irons—Electric

General Electric Company Bridgeport

Washers

American Felt Co (felt) Glenville
Auburn Manufacturing Company The (all materials) Middletown
Blake & Johnson The (brass, copper & non-ferrous) Waterville
Clark Brothers Bolt Co Bristol
I H Sessions & Son Waterville
Plume & Atwood Mfg Co The (brass & copper) Waterbury
Raybestos Div of Raybestos-Manhattan Inc The (clutch washers) Bridgeport
I H Rosenbeck Inc Torrington
Saling Manufacturing Company (made to order) Unionville
Sessions Foundry Co The (cast iron) Bristol

Washers—Felt

Chas W House & Sons Inc (Mills & Cutting Plant) Unionville

Washing Machines—Electric

General Electric Company Bridgeport

Watches

E Ingraham Co The Bristol
United States Time Corporation The Waterbury

Water Heaters

Whitlock Manufacturing Co The (instantaneous & storage) Hartford

Water Heaters—Electric

Bauer & Company Inc Hartford

Water Heaters—Gas or Kerosene

Holyoke Heater Corp. of Conn., Inc Hartford

Waterproof Dressings for Leather

Viscol Company The Stamford

Waxes—Floor

Fuller Brush Co The Hartford

Wedges

Saling Manufacturing Company (hammer & axe) Unionville

Welding

Farrel-Birmingham Company Inc Ansonia
G E Wheeler Company (Fabrication of Steel & Non-Ferrous Metals) New Haven
Industrial Welding Company (Equipment Manufacturers—Steel Fabricators) Hartford
Porupine Company The Bridgeport

Welding—Lead

Storts Welding Company (tanks and fabrication) Meriden

Welding Rods

American Brass Company The Waterbury
Bristol Brass Co The (brass & bronze) Bristol

Wheels—Industrial

George P Clark Co Windsor Locks

Wicks

Auburn Manufacturing Company The (felt, asbestos) Middletown
Holyoke Heater Corp. of Conn., Inc Hartford
Raybestos Div of Raybestos-Manhattan Inc The (oil burner wicks) Bridgeport
Russell Mfg Co The Middletown

Window & Door Guards

Hartford Wire Works Co The Hartford
Smith Co The John P New Haven

Window Shades

New England Shade & Blind Co Inc Durham

Wiping Cloths

Federal Textile Corporation New Haven

Wire

American Brass Company The Waterbury
American Steel & Wire Div of U S Steel New Haven
Atlantic Wire Co The (steel) Branford
Bartlett Hair Spring Wire Co The (hair spring) North Haven
Bridgeport Brass Company (brass and silicon bronze) Bridgeport
Bristol Brass Corp The (brass & bronze) Bristol
Driscoll Wire Co The (steel) Shelton
Hudson Wire Co The (insulated & enameled magnet) Winsted
Platt Bros & Co The (zinc wire) Waterbury
P O Box 1030 Waterbury
Plume & Atwood Mfg Co The (brass, bronze, nickel silver) Thomaston
Scovill Manufacturing Company (Brass, Bronze and Nickel Silver) Waterbury 91

Wire Arches & Trellises

Hartford Wire Works Co The Hartford
John P Smith Co The 423-33 Chapel St New Haven

Wire Baskets

Rolock Inc (Industrial—for acid, heat, degreasing) Fairfield
Wiretex Mfg Co Inc (Industrial, for acid, heat, treating and degreasing) Bridgeport

Wire Cable

Bevin-Wilcox Line Co The (braided) East Hampton

Wire Cloth

Hartford Wire Works Co The Hartford
C O Jelliff Mfg Co The (all metal, all meshes) Southport
Pequot Wire Cloth Co Inc Norwalk
Rolock Incorporated Fairfield
Smith Co The John P New Haven

Wire Drawing Dies

Waterbury Wire Die Co The Waterbury

Wire Dipping Baskets

Hartford Wire Works Co The Hartford
John P Smith Co The 423-33 Chapel St New Haven

Wire Formings

Autoyre Co The Oakville
G E Prentice Mfg Co The Kennington
Master Engineering Company West Cheshire
North & Judd Manufacturing Co New Britain
Verplex Company The Essex

Wire Forms

Bristol Spring Manufacturing Co Plainville
Colonial Spring Corporation The Hartford
Connecticut Spring Corporation The Hartford
Foursome Manufacturing Company Bristol
Humason Mfg Co The Forestville
New England Spring Mfg Co Unionville
Templeman Co D R Plainville
Wallace Barnes Co The Div Associated Spring Corp Bristol

Wire Goods

American Buckle Co The (overall trimmings) West Haven
Patent Button Co The Waterbury
Scovill Manufacturing Company (To Order) Waterbury 91

Wire Partitions

Hartford Wire Works Co The Hartford
John P Smith Co The 423-33 Chapel St New Haven

Wire Products

Claireglow Mfg Company Portland
Plume & Atwood Mfg Co The (to order) Waterbury

Wire Reels

A H Nilson Mach Co The Bridgeport

Wire Rings

American Buckle Co The (pan handles and tinner's trimmings) West Haven
Templeman Co D R Plainville

Wire Rope and Strand

American Steel & Wire Div of U S Steel New Haven

Wire Shapes

Bridgeport Chain & Mfg Co Bridgeport

Wire—Specialties

Andrew B Hendryx Co The New Haven

Wires and Cable

General Electric Company (for central stations, industrial and mining applications) Bridgeport
Rockbestos Products Corporation (asbestos insulated) New Haven

Wires—Building

General Electric Company Bridgeport

Wires—Telephone

General Electric Company Bridgeport

Wood Handles

Salisbury Cutlery Handle Co The (for cutlery & small tools) Salisbury

Wood Scrapers

Fletcher-Terry Co The Forestville

Woodwork

C H Dresser & Sons Inc (Mfg all kinds of woodwork) Hartford
Hartford Builders Finish Co Hartford

Woven Awning Stripes

Local Industries Inc Lakeville
Falls Company The Norwalk

Woven Felts—Wool

Chas W House & Sons Inc (Mills & Cutting Plant) Unionville

Yarns

Hartford Spinning Incorporated (Woolen, knitting and weaving yarns) Unionville
Aldon Spinning Mills Corporation The (fine-woolen and specialty) Talcottville
Ensign-Bickford Co The (jute carpet) Simsbury

Zinc

Platt Bros & Co The (ribbon, strip and wire) P O Box 1030 Waterbury

Zinc Castings

Newton-New Haven Co Inc 688 Third Ave West Haven (Advt.)

Books & Booklets

BRIEF REVIEWS of books and booklets for the business reader. Contributed by the Business & Technical Branch, Hartford Public Library.

HUMAN RELATIONS in supervision by W. E. Parker and R. W. Klemmeir. McGraw-Hill, New York, 1951.

The supervisor is the key to the psychological solution of behavior problems in the office or shop according to these authors. The attitudes of the worker, the foreman's understanding of correct training procedures and his ability for leadership are all part of an effective shop organization.

SURVEY OF BUYING POWER by Sales Management; the magazine of marketing. Sales Management, New York, 1952.

This annual publication due in May contains new exclusive estimates of population, retail sales, effective buying income as well as industrial potentials arranged by cities and by areas within states. It has been based on the latest (1948) Census of Business and (1947) Census of Manufacturers as well as other data supplied by the Department of Commerce and the Federal Reserve system.

Are WORKERS HUMAN by Gordon R. Taylor. Houghton Mifflin Company, New York, 1942.

Workers are used as a term in contrast to management, including foreman and supervisors. The author gives credit to the Research Center for Group Dynamics and the Tavistock Institute of Human Relations, among others, for help with this book. It is an attempt to give a broad impression of the value of the social sciences in human relations problems.

OCCUPATIONAL OUT-LOOK HANDBOOK prepared by the U. S. Department of Labor as Bulletin No. 998. U. S. Government Printing Office, Washington, D. C. 1951.

This book contains employment information on more than 400 occupations. The subject of major industries and their occupations is given in great detail. Such skills as tailoring and the business of advertising seem to be omitted although there is quite a bit on professional, semi-professional and administrative occupations in chemistry and meteorology. It should be useful to employers for job descriptions and to students as a training and job-prospect guide.

Industry's Open House

(Continued from page 44)

with his firm for sixty-three years. Mr. Kennedy spoke as a representative of management, while Mr. Nicholson represented the employees. Also seated at the head table was Robert Shelton, who has been employed by Sargent & Company for seventy-three years. After dinner the employees attended the exposition at the Armory.

Exposition exhibitors included: Malleable Iron Fitting Co., The Dextone Co., Hoggson & Pettis Mfg. Co., Lehman Bros., Inc., The John P. Smith Co., A. W. Flint Co., Sargent & Co., N. E. Oven & Furnace Co., U. S. Electrical Motors, Plasticrete Corp., The Howard Company, SoundScriber Corp., The G. & O. Mfg. Co., Associated Seed Growers, The Berger Bros. Co., Olin Industries, New Haven Dairy, Detroit Steel Corp., Whitney Blake Co., C. W. Blakeslee & Sons, National Folding Box Co., Vincent Buonocore & Sons, The Strouse Adler Co., Rockbestos Products, The G. E. Wheeler Co., The New Haven Pulp and Board Co., The Alfred B. King Co., Andrew B. Hendryx Co., Conn. Hard Rubber Co., United Illuminating Co., Quinipiac Spring Water, H. B. Ives Co., Armstrong Rubber Co., High Standard Mfg. Co., Eastern Machine Screw, Southern New England Telephone Company, M. B. Mfg. Co., C. Cowles & Co., New Haven Water Co., American Steel & Wire, J. B. T. Instrument Co., McLagon Foundry, Conn. Coke Co., Borwinik Bros., Inc., Talco Engineering Co., Inc., The American Woodworking Co., Safety Car Heating & Lighting Co., I. Hershman, R. H. Norton Co., Inc., The Bilco Co., Pratt and Whitney Aircraft and American Microfilming Co.

In addition, booths were made available to the New Haven Safety Council, the United Fund, Connecticut State Employment Service, New Haven Civil Defense, the New Haven Savings Bank, sponsor of an exhibit by the Boardman Trade School.

At an evaluation session following the exposition, local industrialists felt that "most of the objectives had been accomplished" and that "similar expositions should be held at regular intervals of not less than five years. The job of keeping the public and employees informed of the importance of production must be continuing and dynamic."

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SEYMOUR Nickel Silver

*is a
Natural
for
deep draws*

Your product may not be hollowware — but if you need an alloy of such extreme ductility that it flows smoothly under the die, requires a minimum of anneals, and finishes to a beautiful, silvery-white color, you will naturally be interested in Seymour Nickel Silver.

Write us about your product, and if your present alloy is not all that it should be, we believe we can be of real assistance to you. Samples of sheet, wire or rod will be submitted to manufacturers on request.



THE SEYMOUR MANUFACTURING COMPANY, SEYMOUR, CONN.

SEYMOUR



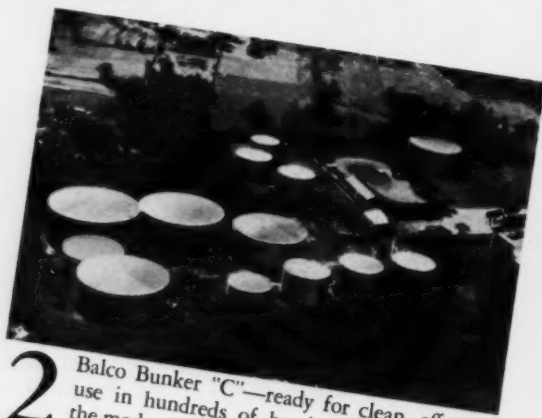
THREE CONVINCING REASONS WHY



IS YOUR BEST BUNKER "C" BUY



1 Vast storage facilities at Hartford and New London terminals assure Balco customers a constant, uninterrupted flow of economical Balco Bunker "C".



2 Balco Bunker "C"—ready for clean, effective use in hundreds of heating installations—is the modern industrial fuel of proven efficiency, economy and customer satisfaction.



3 Balco's widespread delivery system assures speedy, all weather service when you need it, where you need it.

If you have an industrial heating problem, call on Balco's consulting engineers for expert, money-saving advice. Contact Balco at Box 1078, Hartford, or telephone Hartford 93341 for a prompt, experienced discussion of individual heating requirements.

The BALLARD OIL Co.

HARTFORD,

CONNECTICUT



